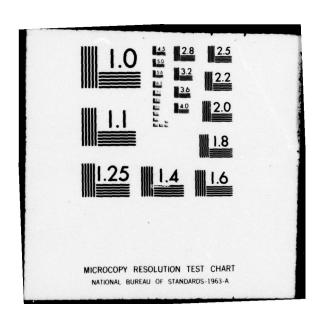
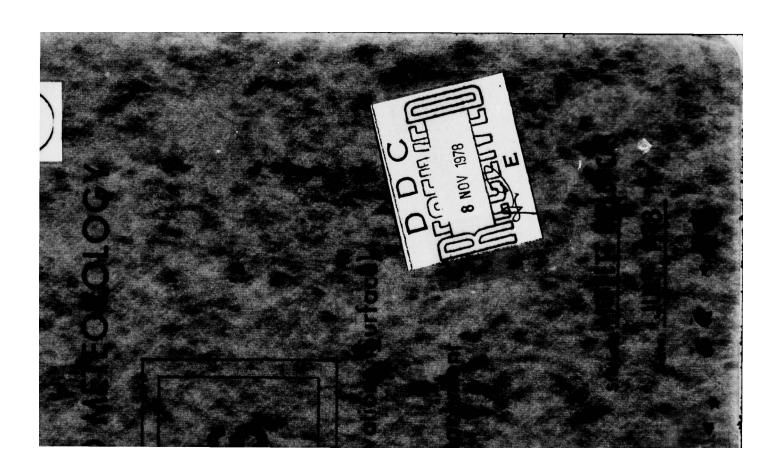
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) MOFFETT --ETC(U) AD-A060 973 UNCLASSIFIED NL or4 AD A080873





SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE			INSTRUCTIONS COMPLETING FORM
1. REPORT NUMBER 2. GOVT A	CCESSION NO. 3.		CATALOG NUMBER
4. TITLE (and Substite) Summary of Meteorological Observations, (SMOS) Moffett Field, California	Surface R	eference r	eport 1945-1977 DRG. REPORT NUMBER
7. AUTHOR(a) N/A			GRANT NUMBER(s)
Performing organization name and address Naval Weather Service Detachment Federal Building Asheville, N. C. 28801			EMENT, PROJECT, TASK (UNIT NUMBERS
Director, Naval Oceanography and Meteoro	logy 12	July 1978	
National Space Technology Laboratories NSTL Station, MS 39529	13	NUMBER OF	PAGES
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19. KEY WORDS (Continue on reverse elde if necessary and identify to Climatology, surface wind, temperature, relative humidity, station pressure, extendily temperature, weather conditions, materiality, coastal region, snow depth, cl	precipitation reme temper onthly clim	atures, se atology, N	a level pressure, aval shore
20. ABSTRACT (Continue on reverse side II necessary and Identity by This data report consists of a six part Weather observations. The six parts are Atmospheric Phenomena, Part B - Precipit Surface Winds, Part D - Ceiling versus Psychrometric Summaries, Part F - Stati	statistical : Part A - ation/Snowf Visibility/	Weather C all/Snow D Sky Cover,	onditions/ epth, Part C - Part E -

	++767	Moffett Field, California	•	37	37°25'N	122°03'W	26	KNUQ	74	74509
		STATION LOCATION	V. V.	ND	STRU/	AND INSTRUMENTATION		HISTORY		
NUMBER OF BARD			TYPE	AT THIS LOCATION	ATION	ATITION	South Swo	· ELEVATION ABOVE USL	BOVE WSL	38.5
LOCATION		STA STANLED TO STANLE S	STATION	FROM	10		300	FEET	TYPE BAROWETER	4
i	Weather	Weather service office	Navy	1945	1954	37°25'N	122°03'W	25.4	Fortin	24
2.	•		:	1954			•	38.5	•	24
1a.		=		1968		=		40.5	Aneroid	24
NUMBER	DATE	SURFACE WIND EQUIPMENT INFORMATION	ENT INFORM	ATION						11
OF	. OF CHANGE	LOCATION		TYPE OF	TYPE OF	HT ABOVE	REMARKS, ADDITI	ONAL EQUIPMENT,	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	w
The second secon	Installed 1945 1955 1961	On mast located tower Atop control to 1600' SE of ope 295 ' west of r	ntrol	3 cup UMQ-5C	RD-108B		1. Microbarograph 2. Auto met. stat 3. Ceiling light 4. Cloud height s 5. Transmissomete	Microbarograph Auto met. station (AN/G Ceiling light (ML-121H) Cloud height set (AN/GM Transmissometer (AN/GM	Microbarograph Auto met. station (AN/GMQ-29A) Ceiling light (ML-121H) Cloud height set (AN/GMQ-13) Transmissometer (AN/GMQ-10C)	98 % C

NWSD, Federal Building Asheville, N. C.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- 3. Summarize (update) every five years.
- a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
- b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
- c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station. DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".O". (This value indicates a percent less than ".O5," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect occurrence of an occasional spurious value should not in itself be considered significant. Every effort COMMENT: All observations summarized in this tabulation have been computer edited for consistency and is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building Asheville, N. C.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

.1 Occurrences of hail and small hail are included.

more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same Percentage of observations with precipitation - Included in this category are the observations when one or observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction

The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices. NOTE:

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than persummarized in these tabulations. However, it should be noted that in this summary the columns headed

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the "% Total" indicates percentage frequency (plus calm). Column totals show the number of observations.



MOFFETT FIELD, CALIFORNIA

STATION

12648-3605 (159)

73-77

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DOSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	27.7	30.3	33.5	47.7	45.6	33.5	7.72	23.2		33.3
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	21.3	20.6	20.0	36.8	40.0	31.6	26.5	21.3		27.3
509	10.3	16.1	23.5	16.1	5.2	1.9	1.3	2.6		9.6
% OF OBS WITH PRECIP.	6.5	6.5	10.3	9.7	6.5	7.1	4.5	6.5		7.2
HAIL										
SNOW AND/OR SLEET				9.		/				.1
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	6.5	6.5	10.3	9.7	6.3	7.1	4.5	6.5		7.2
THUNDER- STORMS										
HOURS (L.S.T.)	10	*	0.7	10	13	16	19	22		
MONTH	JAN									TOTALS

STATION

MOFFETT FIELD, CALIFORNIA

73-77

FE8 MONTH

PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	10		10.1				10.1	7.9	11.5	•		17.3	139
	90		11.3				11.3	9.6	6.6			17.7	141
	07		11.4				11.4	12.1	13.6			20.0	140
	91		10.6				10.6	12.8	26.2			34.0	141
	13		12.1				12.1	5.7	29.1			31.9	141
	16		6.6				6.6	2.1	19.9			22.0	1+1
	19		7.8				7.8	2.1	15.6			17.7	141
	22		8.5				8.5	3.5	14.2			17.0	141
TOTALS			10.2				10.2	7.0	17.5			27.2	1125

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			_						_			
TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155				1240
% OF OBS WITH OBST TO VISION	3.9	5.2	15.5	17.4	12.3	5.8	4.5	2.6				4.8
DUST AND/OR SAND												
BLOWING										:		
SMOKE AND/OR HAZE	2.6	3.2	7.1	15.5	10.3	5.8	3.2	1.9				6.2
50	1.9	2.6	9.7	2.6	1.9		1.3	•				2.6
% OF OBS WITH PRECIP.	7.1	0.6	7.7	4.8	9.7	6.9	0.6	12.3				8.7
HAIL												
SNOW AND/OR SLEET				9.								
FREEZING RAIN &/OR DRIZZLE												
RAIN AND/OR DRIZZLE	7.1	9.0	7.7	8.4	9.7	6.9	9.0	12.3				8.7
THUNDER- STORMS							•					.1
HOURS (L.S.T.)	10	*	0.7	01	13	16	19	22				
MONTH	MAR											TOTALS

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MOFFETT FIELD, CALIFORNIA

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MOFFETT FIELD, CALIFORNIA

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MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	3.9	1.9	27.1	26.5	18.7	7.1	4.5	4.5			11.8
AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	3.2	1.3	25.2	26.5	18.7	7.1	4.5	4.5			11.4
503	•	9.	2.6								. 5
% OF OBS WITH PRECIP.	•	1.3	٠.	9.	1.9	3.2	1.9				1.3
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZIE											
RAIN AND/OR DRIZZLE	••	1.3	•	••	1.9	3.2	1.9				1.3
THUNDER- STORMS							•				.1
HOURS (L.S.T.)	10	40	07	10	13	16	19	22			
MONTH	MAY										TOTALS

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MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY	CONDITIONS FROM

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150		
% OF OBS WITH OBST TO VISION	1.3	0.4	32.7	28.0	15.3	4.7	3.3	1.3		
AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	1.3	2.7	29.3	28.0	15.3	4.7	3,3	1.3		1
50		1.3	7.3							1
% OF OBS WITH PRECIP.	۲.		1.3	.,		۲.				
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	٠.		1.3							T
THUNDER- STORMS										
HOURS (L.S.T.)	10	40	07	10	13	16	10	22		
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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS.

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	3,2	8.8	33.5	34.8	15.5	3.2	2.6	1.9		12.6
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	2.6	4.5	26.5	34.8	14.8	3.2	1.9	1.9		11.3
POG	9.	1.9	11.0	•	•		é.			1.9
% OF OBS WITH PRECIP.		•	1.9	1.3	•		1.3			
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE		.6	1.9	1.3	• 6		1.3			.,
THUNDER- STORMS										
HOURS (L.S.T.)	10	*	10	01	13	16	13	22		
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PERCENTAGE FREQUENCY	CONDI

	-			_		_			TT	T.
TOTAL NO. OF OBS.	155	153	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	3.9	0.6	36.8	41.3	14.2	2.6	1.9	1.9		14.0
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	3.2	7.1	27.7	40.0	14.2	1.9	1.3	1.3		12.1
FOG	¢.	2.6	16.1	1.3		9.	4.	9.		8.8
% OF OBS WITH PRECIP.	1.3	1.3		•	•	•	1.9	1.9		1.0
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	1.3	1.3		9.	9.	4.	1.9	1.9		1.0
THUNDER- STORMS	9.									1
HOURS (L.S.T.)	10	*	07	10	13	16	19	22		
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MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	10.7	18.7	46.7	51.3	32.0	8.7	8.0	7.3		22.9
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	7.3	12,7	34.7	46.0	31.3	8.7	8.0	7.3		19.5
FOG	3.3	6.7	20.7	8.7	۲.					5.0
% OF OBS WITH PRECIP.	.7	2.7	1.3	2.0	۲.	2.0				1.3
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	.,	2.7	1.3	2.0	.,	2.0	.,			1.3
THUNDER- STORMS				۲.						:
HOURS (L.S.T.)	10	*	0.0	10	13	16	19	22		
MONTH	SEP									TOTALS

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WEATHER CONDITIONS

MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DCT	10		3.2				3.2	8.4	9.0			16.1	155
	*		3.9				3.9	12.9	9.7			21.3	155
	0.7	9.	3.9				3.9	23.2	25.2			43.9	155
	91		2.6				2.6	4.0	46.5			52.3	155
	13	••	1.9				1.9	1.3	38.7			40.0	155
	16		1.9				1.9	1.3	21.9			23.2	155
	19		4.5				4.5		12.9			12.9	155
	22		2.6				2.6	2.6	10.3			11.6	155
TOTALS		•2	3.1				3.1	7.3	21.8			27.7	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	20.0	22.0	30.7	36.0	26.7	25.3	22.0	20.7		25.4
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	11.3	12.0	16.0	28.0	26.7	23.3	20.7	15.3		19.2
50	10.0	12.7	19.3	12.0	2.0	2.7	2.7	7.3		9.6
% OF OBS WITH PRECIP.	7.3	5.3	0.4	3.3	5.3	0.9	8.0	0.4		5.4
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	7.3	5.3	4.0	3.3	5.3	6.0	8.0	4.0		5.4
THUNDER- STORMS										
HOURS (L.S.T.)	10	*	0.7	10	13	16	19	22		
МОМТН	NOV									TOTALS

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY CONDITIONS FROM	

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	195		1240
% OF OBS WITH OBST TO VISION	41.9	44.5	45.6	54.2	54.5	47.7	45.6	39.4		45.9
DUST AND/OR SAND	9.					••	•	9.		
BLOWING										
SMOKE AND/OR HAZE	23.9	22.6	18.7	38.7	48.4	41.9	37.4	29.7		32.7
50g	23.9	29.7	35.5	27.1	4.6	7.1	7.1	12.3		18.9
% OF OBS WITH PRECIP.	5.2	7.1	11.6	7.7	5.8	7.1	7.1	8.8		7.2
HAIL										
SNOW AND/OR SLEET				*						
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	5.2	7.1	11.6	7.7	5.8	7.1	7.1	ε. α.		7.2
THUNDER- STORMS										
HOURS (L.S.T.)	10	8	0.7	10	13	16	1.0	22		
MONTH	DEC									TOTALS

MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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7.2	10.2	8.7	3.8	1.3	4.		1.0			5.4	7.2	•
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7.2	10.2	8.7	3.8	1.3	*.	۲.	1.0	1.3	3.1	5.4	7.2	* *
9.6	7.0	2.6	1.3		1.1	1.9	2.8	5.0	7.3	8.6	18.9	
27.3	17.5	6.2	7.4	11.4		11.3	12.1	19.5	21.8	19.2	32.7	7 71
											.3	
33.3	22.2	8.4	8,5	11.8	11.3	12.6	14.0	22.9	27.7	25.4	45.9	
1240	1125	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	30771
	7.2 9.6 27.3	7.2 .1 7.2 9.6 27.3 33.3 10.2 10.2 7.0 17.5 22.2	7.2 .1 7.2 9.6 27.3 33.3 10.2 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4	7.2 .1 7.2 9.6 27.3 33.3 10.2 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4 3.8 1.3 7.4 8.5	7.2 .1 7.2 9.6 27.3 33.3 10.2 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4 3.8 1.3 7.4 8.5 .1 1.3 .5 11.4 11.8	7.2 .1 7.2 9.6 27.3 33.3 10.2 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4 3.8 1.3 7.4 8.5 .1 1.3 1.3 11.4 11.8 .4 1.1 10.7 11.3	7.2 .1 7.2 9.6 27.3 33.3 10.2 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4 .1 3.8 1.3 7.4 8.5 .1 1.3 1.3 11.4 11.8 .4 1.1 10.7 11.3 11.3 .7 1.9 11.3 12.6	10.2 .1 7.2 9.6 27.3 33.3 .1 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4 .1 3.8 1.3 7.4 8.5 .1 1.3 1.3 1.4 11.8 .4 .4 1.1 10.7 11.3 .7 .7 1.9 11.3 12.6 .1 1.0 2.8 12.1 14.0	10.2 .1 7.2 9.6 27.3 33.3 .1 8.7 .1 17.5 22.2 .1 8.7 2.6 6.2 8.4 .1 1.3 3.8 1.3 7.4 8.5 .1 1.3 .9 11.4 11.8 11.8 .1 1.0 2.8 12.1 14.0 .1 1.0 2.8 12.1 14.0 .1 1.3 5.0 19.5 22.9	10.2 .1 7.2 9.6 27.3 33.3 .1 10.2 7.0 17.5 22.2 .1 8.7 2.6 6.2 8.4 .1 1.3 7.4 8.5 8.5 .1 1.3 .5 11.4 11.8 11.8 .1 1.0 .4 1.1 10.7 11.3 12.6 .1 1.0 .7 1.9 11.3 12.6 12.6 .1 1.3 5.0 19.5 22.9 .2 3.1 7.3 21.8 27.7	10.2 .1 7.2 9.6 27.3 33.3 .1 10.2 7.0 17.5 22.2 .1 3.8 1.3 7.4 8.5 .1 1.3 .9 11.4 8.5 .1 1.3 .4 11.3 11.4 11.8 .1 1.0 .7 11.3 12.6 11.3 .1 1.0 2.8 12.1 14.0 .1 1.3 1.3 5.0 19.5 22.9 .2 3.1 7.3 21.8 27.7 .2 5.4 8.6 19.2 25.4	10.2 .1 7.2 9.6 27.3 33.3 .1 8.7 .1 17.5 17.5 22.2 .1 8.7 2.6 6.2 8.4 .1 1.3 1.3 7.4 8.5 .4 1.3 .5 11.4 11.8 .7 .7 1.9 11.3 12.6 .1 1.0 .7 1.9 11.3 12.6 .1 1.0 .7 1.9 11.3 12.6 .1 1.0 .7 1.9 11.3 14.0 .1 1.3 5.0 19.5 22.9 .2 3.1 7.3 21.8 22.9 .2 5.4 8.6 19.2 25.4 .2 5.4 8.6 19.2 35.9 .2 3.2 .3 45.9

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WEATHER CONDITIONS ATMOSPHERIC PHENGMENA

MOFFETT FIELDS CALIFORNIA

23244 STATION

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PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA

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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NAL	DATLY	0.	40.5		*.	2.	40.4	43.0	51.6	.1		61.9	898
F E8		1.2	39.9		7	*	39,9	35.0	44.4			51.3	819
MAR		1.0	37.6		-	1.4	37.6	15.2	28.9			34.1	899
APR		1.3	25.3			1.1	25,3	12.5	30.7			32.9	870
MAY			15.7				15.7	0.7	34.9			35.8	899
NOT		3	6.6				6.9	8.2	35.7			37.4	870
101		*	3.3				3.3	20.6	59.0			60.5	899
AUG		.,	5.1				5.1	25.5	59,2			60.7	899
SEP		۲.	9.2				9.2	24.9	60.7			62.6	870
100		•	18.9			1.	16.9	32.4	57.0		•	4.10	868
NON		1.1	33,1			-	33,1	40.5	54.6			63.2	870
DEC		*	40.		7.	•	40.4	6.64	55,3			66.7	899
TOTALS		40)	23.0		-:		23.0	26.4	47.7	0	0.	52.4	10591

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23244 STATION

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

ALL	HOURS (L.S.T.)
JAMUARY	MONTH
JAN 1973 - DEC 1977	YEARS
MOFFETT FIELDS CALIFORNIA	STATICM NAME

56.9 25.0 25.0 60.0 71.7 71.7 71.3 60.7 60.7 758 No. NO WEATHER BLOWING SAND AND DUST BLOWING SNOW 210 17.8 2.02 2.02 2.03 2:02 111 JAK! 0.1 SMOKE HAZE 2 3.0 3.5 1.6 2.05 25.0 ICE FOG GROUND FOG 10.0 X 400 8 . 1 3:10 6.3 FOG THUNDER HAIL SMALL HAIL SNOW GRAINS PELLETS SHOWERS SLEET
" SHOWERS
ICE
CRYSTALS FREEZING RAIN FREEZING DRIZZLE 1.0 1:1 DRIZZLE 10.93 S X 36.5 6.3 1.6 RAIN X 3.1 10:1 3.9 3.8 RAIN VARIABLE % TOTAL TOTAL DIRECTION CALM ENE ENE SE SSE MIND NNE SW SW WSW W WNW NNN NE S

TOTAL NUMBER OF OBSERVATIONS

1,240

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NAVWEASERVCOM

ALL	HOURS (L.S.T.)
FEBRUARY	MONTH
JAN 1973 - DEC 1977	YEARS
23244 MOFFETT FIELDS CALIFORNIA	STATION NAME
23244	STATION

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WEATHER	68.7	51.6	09	50.0	70.0	62.5	57.1	72.5	67.8	33.3	9.09	64.3	81.3	2.69	82.0	78.5		N. C.	780	604
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	26.3	41.9		25.0	10.0		6.6	7.3	5.1	22.2			4.6	9.2	11.6	16.7		ST.	179	18.0
ICE FOG GROUND FOG	1.0	3.2			5.0					11.1				1.5	1.04	6.		N N	61	
50	3.0			25.0	2.0	15.0	7.7	3.1	5.1	11.1			4.4		1.4	1.8		X	9	
THUNDER																		\bigvee		
HAIL SMALL HAIL																		M		
SNOW "GRAINS "PELLETS "SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		\bigvee		
DRIZZLE						2.5	2.2											X	4	7
RAIN	2.0		40.0		5.0	1	11.0	4.2	11.9	11.1	30.0	14.3	4.4		1.4			X	*	
RAIN						20.0		15.6		100	10.0	21.4	1.6		2.9			V.	5	4
WIND	z	NNE	N.	ENE	3	ESE	SE	SSE	s	SSW	SW	WSW	*	MNA	WN	MNN	RIABLE	ALM	TOTAL	TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,125

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NAVWEASERVCOM

SLEET
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ICE
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FREEZING RAIN FREEZING DRIZZLE

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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CALIFORNIA	TATION NAME
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23244	STATION

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HOURS (L.S.T.) ALL

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NO	84.8	84.0	87.5	50.0	92.3	56.0	59.7	78.5	17.5	75.0	80.0	89.7	80.8	89.4	0.46	92.2
BLOWING SAND AND DUST																
BLOWING																
SMOKE	11.6	16.0	12.5			8.0	4.6	202	2.0	5.0			5.1	3.3	5 . 2	9.9
ICE FOG GROUND FOG						4.0	2.8	1:1	1.03					1.3		•
509			12.5			800	7.5		2.5	10.0			2.2		2.4	
THUNDER	6.	•														
HAIL SMALL HAIL																
SNOW "GRAINS "PELLETS "SHOWERS																

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NUMBER
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TOTAL % TOTAL

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CE FOG SMOKE BLOWING SAND NO
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SMOKE BLOWING SAND HAZE SNOW DUST

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TOTAL NUMBER OF OBSERVATIONS

1,200

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TOTAL % TOTAL

NAVWEASERVCOM

JAN 1973 - DEC 1977 MOFFETT FIELDS CALIFORNIA 23244 STATION

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ALL HOURS (L.S.T.)

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N ON	-	0 0	94.0	69.2	71.4	70.6	73.9	84.1	78,7	95.0	100.0	100.0	0.06	43.0	97.3	95.3	78.7			1080	87.1
BLOWING SAND AND	200																		\bigvee		
BLOWING																			\bigvee		
SMOKE		7117	5.4	30.8	28.6	59.4	13,0	13.6	14.9	2.0			0.7	201	1.6	4.7	19.8			136	11.0
ICE FOG GROUND	2																		\bigvee		
509							4.3	2.3	2.1					• •				***	M	•	6.
THUNDER														6.					\bigvee	-	7.
IN	HAIL																		\bigvee		
SNOW "GRAINS "PELLETS	SHOWER																		\bigvee		
SLEET " SHOWERS ICE	CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING	DRIZZLE																		\bigvee		
DRIZZLE							4.3												\bigvee	-	.1
RAIN		9.					8.7		4.9				3.3	6.			4.		X	•	
RAIN													3.3	6.	6.				X	•	5.
WIND		z	NNE	NR	ENE	3	ESE	SE	SSE	s	SSW	SW	WSW	W	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

1,240

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

MOFFETT FIELDS CALIFORNIA

JAN 1973 - DEC 1977

CUNE

ALL HOURS (L.S.T.)

Z	RAIN	DRIZZLE	FREEZING	SLEET " SHOWERS	SNOW "GRAINS	HAIL	THUNDER	509	ICE FOG	SMOKE	BLOWING	SAND	O Z
_	SHOWERS			CRYSTALS	" SHOWERS	HAIL			FOG	HAZE	wows	DUST	WEATHER
								1,7	*	16.7			80.3
								2.0		6.1			91.8
										5.9			88.2
													100,0
6.3									6.3	12.5			75.0
								10.0		15.0			80.0
	3.6							3.6		25.0			71.4
								2.7		13.5			86.5
										4.8			95.2
								20.0					50.0
													100.0
										12.5			87.5
													100,0
													100.0
										3.0			97.0
										10.8			88.0
													* *
1	N V	\mathbb{N}	\bigvee	\bigvee	M	\bigvee	\bigvee	\bigvee	\bigvee	Ŷ \	\bigvee	\bigvee	V
-	4							11	N	118			1059
7	. 3							6.	.2	9.8			88.3

TOTAL NUMBER OF OBSERVATIONS

1,200

STOR % FREQ. WIND TOTAL VS WEATHER JAN 68

HOURS (L.S.T.)

ALL

2017

JAN 1973 - DEC 1977

MOFFETT PIELDS CALIFORNIA

MONTH

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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100.0 100.0 100.0 93.5 2 1077 96.6 BLOWING SAND AND DUST BLOWING 10.0 10:1 25.0 0 4 6 6 123 13.5 SMOKE ICE FOG GROUND FOG 15.1 2.0 7.1 3.1 1: FOG THUNDER HAIL SMALL HAIL SNOW "GRAINS "PELLETS "SHOWERS SLEET
" SHOWERS
ICE
CRYSTALS FREEZING RAIN FREEZING DRIZZLE DRIZZLE 3.6 4.2 RAIN RAIN VARIABLE % TOTAL DIRECTION NA NA TOTAL SW WSW NNN NNE R R R SE SE s z 3

TOTAL NUMBER OF OBSERVATIONS

1,240

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NAVWEASERVCOM

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JAN 1973 - DEC 1977 MUFFETT FIELDS CALIFORNIA

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AUGUST

ALL HOURS (L.S.T.)

NO	80.8	84.0	80.0	100.0	56.0	75.0	87.5	76.2	86.7	85.7		0.06	87.3	89.8	93.3	86.2		1 V	1056	200
BLOWING SAND AND DUST																		X		
BLOWING																		X		
SMOKE	16.3	14.0	13,3		40.0	20.0	3.1	9.5	6.7			10.0	7.3	3.1	2.0	11.0		0	137	11.0
ICE FOG GROUND FOG		2.0				5.0	3.1	4.8					1.8					X	-	9
50		2.0			8.0	10.0		4.8					1.8	3.4		2.3		X	30	2.4
THUNDER	3.																	X	-	-
HAIL SMALL HAIL																		X		
SNOW "GRAINS "PELLETS "SHOWERS																		X		-
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		X		
DRIZZLE															1.1			X	•	1.
RAIN						5.0	6.3	4.8	6.7							••		X	•	
RAIN										14.3			1.8	1.7				X		. 2
WIND	z	NNE	NE	ENE		ESE	SE	SSE	S	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

1,240

CALIFORNIA JAN 1973 - DEC 19	
23244 MOFFETT FIELDS CALIFORNIA	

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NO	71.8	58,8	80.0	65.5	41.7	73.7	77.8	85.3	84.8	85.7	1.00	11.8	88.7	86.8	81.0	0.01		N	912	76.0
BLOWING SAND AND DUST																		X		
BLOWING																		\bigvee		
SMOKE	22.9	35.3	20.0	37.5	41.7	10.5	1101	5.0	1 . 6	14.3	33.3	11:1	4.6	1501	1007	17.0		N N	212	1101
ICE FOG GROUND FOG																		Š/	80	*
F0G	2.4	8.9	6.1	12.5	16.7	10.5	2.8	5.9	9 . 1				3.0	7:0	2.0	•		X	5.5	4.0
THUNDER																		V	-	-
HAIL SMALL HAIL																		X		
SNOW "GRAINS "PELETS "SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		\langle		
DRIZZLE						5.3												X	2	.2
RAIN							2.8	5.0				11:1		1.5		3.			•	
RAIN								2.9	3.0									No.	*	.3
WIND	z	NNE	Ä	ENE	W	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

1,200

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NAVWEASERVCOM

ALL HOURS (L.S.T.)

OCTOBER MONTH

JAN 1973 - DEC 1977

MOFFETT FIELDS CALIFORNIA

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

WEATHER	58.5	64.7	53.8	53.8	20.0	55.6	61.1	71.2	69.8	80.0	71.4	87.5	40.1	15.9	77.9	68.7		X	866
SAND SAND AND DUST																		M	
BLOWING																		M	
SMOKE	26.7	50.5	15.4	15.4	10.0	7.4	5.6	11.5	16.3	20.0			2.6	15.2	19.5	25.1		SV N	225
ICE FOG GROUND FOG	1.5					3.7												X	12
50	3.0	5.9	23.1	7.7	0.04	25.2	13.9	3 . 8	2.3		16.3	12,5	3.7	5.1	1.3	3.3		X	78
THUNDER				7.7														X	•
HAIL SMALL HAIL																		M	
SNOW "GRAINS "PELLETS "SHOWERS																		\bigvee	
SLEET " SHOWERS ICE CRYSTALS																		X	
FREEZING RAIN FREEZING DRIZZLE																		\bigvee	
DRIZZLE								3.8					1.9					\mathbb{X}	
RAIN			7.7	7.7			8.5	9.6	9.3					3.6		. 5		X	:
RAIN						18.5	19.4		4.7									X	
WIND	z	NNE	N.	ENE	E	ESE	SE	SSE	8	SSW	NS.	MSM	*	MNM	M	NNW	VARIABLE	CALM	

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1,240

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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NOVEMBER	MONTH
JAN 1973 - DEC 1977	YEARS
MOFFETT FIELDS CALIFORNIA	STATION NAME
23244	STATION

ALL HOURS (L.S.T.)

NO	63.6	83.3	83.3	85.7	80.0	57.1	10.5	67.1	12.9	63.7	100.0	16.0	83.5	30.00	81.2	07.2		X	840	10.0
BLOWING SAND AND DUST																		M		
BLOWING																		\bigvee		
SMOKE	18,2				6.7	1104	1.0	1.5	10.4	14.3		8.0	7.5	1.4	11,8	51.9			167	13.9
ICE FOG GROUND FOG									2.1			8.0				•		X	13	1:1
Fog	0.0	5.0		14.3		8.0	1:0	4.0	7.9			12.0	7.1	2 . 1	4.1	613		X	06	7.5
THUNDER																		M		
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE							1.6		4.2									X	•	
RAIN						11.4	3.3	9.2	6.3				1.2					X	18	1.5
RAIN					6.7	11.4	23.0	20.0	4.2				1.2	1.1				X	41	3.4
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	S	SSW	SW	WSW	*	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

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TOTAL NUMBER OF OBSERVATIONS

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MOFFETT FIELDS CALIFORNIA

JAN 1973 - DEC 1977

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NO	39.8	33.3	4.44	66.7	53.3	57.1	40.4	70.9	71.9	0.09	42.9	80.0	70.7	56.5	73.5	51.5		No.	617	49.8
BLOWING SAND AND DUST																		X		
BLOWING																		\bigvee		
SMOKE	29.5	4.44	33.3	33.3	13.3	11.4	7.2	1.8			14.3		14.7	21.0	80	25.4		X	243	19.6
ICE FOG GROUND FOG	2.7		25.2		6.7	8.6	2.9	1.8	3.1				12.0	6.7	4.4	1.5		V A	79	9.0
505	8.8	22.2	11.1		13,3	8.0	14.5	7.3	3.1	10.0	28.6		6.7	4.6	5 . 4	8.5		X	155	12.5
THUNDER																		\bigvee		
HAIL SMALL HAIL																		X		
SNOW " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE	6.				6.7		1.4				14.3		1.3	1.6		1.5		N E	20	1.6
RAIN						11.4	13.0	12.7	3.1			10.01	1.3	1.6				X	31	2.5
RAIN	6.	5.6	11.1			8.6	23.2	7.3	12.5	20.0	14.3	10.0		1.6				X	39	3,1
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	S	SSW	NS.	WSW	*	WNW	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

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ALL HOURS (L.S.T.)	NO	74.2	76.9	74.7	76.6	67.2	67.6	67.6	76.0	19.6	73.8	78.7	24.	85.1	85.4	80.9	80.2
<u> </u>	BLOWING SAND AND DUST																
MONTH	BLOWING																
1	SMOKE	17.8	17.7	15.1	12:1	17.2	6.8	1 . 8	9.0	5,8	6.5	0.0	4.5	201	101	8 . 9	14.9
	GROUND FOG		. 5	1.4	6.	1.5	1.9		6.	1.0	1.9		1.0	1.5	1.1	••	
YEARS	00	5.4	3 , 3	4.8	4.1	7.6	0.5	2 . 5	2.0	2.9	2.0	0 . 4	2.0	3 . 1	1.07	1.0	1.0
YEARS	THUNDER	7.			6.									7.			
	HAIL SMALL HAIL																
	SNOW "GRAINS " PELLETS " SHOWERS		. 2														
	SLEET " SHOWERS ICE CRYSTALS								.1								
	FREEZING RAIN FREEZING DRIZZLE																
STATION	DRIZZLE	.1	.2				1.3	1.0	. 3	9.	6.	1.3		.3	• 1	•	
STATION NAME	RAIN	4.		2.7	2.8				8.0	6.9	5.6	0.6	9	1.5	1.6		*
	NIA	.2	.5	1.4	6.	2.5	9.5	14.3	7.2	5.5	7.5	4.0	2.5	1.5	1.2	4.	
STATION	WIND	z	NNE	NE	ENE	W	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	MNN

0

0

TOTAL NUMBER OF OBSERVATIONS

14,605

11145

1912

1.34

627 6.9

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1.8

292

TOTAL % TOTAL

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CALM

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PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual nay be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ä

Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT Snow depth at 0800 LST From beginning of record thru Jun 52 From beginning of record thru 1945 Jun 57-present Jun 57-present Jan 46-May 57 Jul 52-May 57 U. S. Navy and Weather Air Force Stations Bureau Stations

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

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PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

MOFFETT FIELDS CALTECRNIA

3-77

YEARS

						AMC	AMOUNTS (INCHES)	CHES						1780		MOM	MONTHLY AMOUNTS	UNTS
PRECIP.	NON	TRACE	5	.0205	0190.	.1125	.2650	.51.1.00	1.01-2.50	2.51-3.00	9.01-10.00	2.51-3.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	OVER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	0.1.0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	4.5.10.4	10.5-15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	o 0	74		29481
SNOW. DEPTH	NON	TRACE	-	1	•	9.7	7.12	13.24	25.36	37.48	49.60	61.120	OVER 120	AMTS				
NAL	62.2	8.7	1.7	6.3	2.8	7.0	6.5	3.6	1.4					29.0	961	19.2	6.23	.22
2	90.5	1.0	2.7	4:4	3.7	8.8	6.2	2.3						31.7	876	1.90	5.99	.00
MAR	61.7	0.6	2.3	7.0	4.3	7.6	4.0	2.5	•					29.3	1023	1.86	5.95	.07
APR	19:1	7.1	2.0	4.3	2.6	3.8	2.6	1.5						16.8	960	.90	3.98	.01
MAY	83.8	6.9	1.4	2.7	1.0	2.5	1.5	.2						6.6	1023	.38	1.74TRACE	FRACE
NOT	93.2	3.5		1:4		•	:							3.2	066	.08	.40	.00
JUL	96.7	2.2		ž.	.2		:							1.1	266	.03	.31	.00
AUG	95.4	2.5	\$.		.2			.1						2.1	1023	90.	.64	.00
*	91.7	4.9		6.	•		.5		.1					3.3	066	.17	1.98	.00
D0	1.18	8.2	1.3	3.4	1.3	2.2	1.4	0.	.2	1.				10.7	1023	69.	3.52	.00
NO N	67.3	*:	2.6	4.9	3.7	4.8	4.3	1.9		.1				23.3	990	1.69		S. SBTRACE
DEC	39.0	10.3	2.3	7.6	3.9	6.2	5.9	3.6	1:1					30.7	992	2.43	9.55	.15
ANNUAL	ANNUAL 77.4	6.7	1.5	3.9	2.1	3.7	2.8	1.4	4.	0.				15.9	15,9 1184312.80	12.80	X	X

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

MOFFETT FIELD, CALIFORNIA

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5-77

YEARS

					AMC	AMOUNTS (INCHES)	(CHES)						FARCAS		NOW	MONTHLY AMOUNTS	UNTS
NONE	TRACE	10.	.02.05	0190.	.11.25	.2650	.51.1.00	1.01-2.50	2.51-5.00	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
NON	TRACE	0.1.0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	6.5-10.4	10.5-15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	0 o e	3		1
NON	TRACE	-	2	•	4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS		New Year	OKENIESI	2
9.66	.3			.1									1.	961	1.	1.8	0.
99.9														847	847TRACETRACE	FRACE	.0
99.7	.3													992	992TRACETRACE	TRACE	.0
100.0														900	0.	.0	.0
100.0														992	.0	.0	.0
100.0														960	••	.0	••
100.0							a							930	0.	.0	.0
100.0														961	0.	0.	••
100.0														066	••	0.	•
100.0														1023	0.	0.	.0
100.0														930	0.	0.	.0
99.9														1023	1023TRACETRACE	FRACE	.0
ANNUAL 99.9	.1			0.									0.	.0 11509	.1	X	X

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NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

MUFFETT FIELDSTATION LAME

-77

YE

						AM	AMOUNTS (INCHES)	ACHES)						TVACCAR		NOW	MONTHLY AMOUNTS	STNU
PRECIP.	NON	TRACE	10'	.0205	0190.	.1125	.2650	.51.1.00	1.01-2.50	-	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OVER	10.01-20.00	OVER 20.00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	₹'0-1'0	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	6.5.10.4	10.5.15.4	15.5.25.4	25.5-50.4	OVER 50.4	MEASUR-	9 0			
SNOW. DEPTH	NON	TRACE	-	2		4.6	7.12	13.24	25.36	37.48	49.60	61-120	OVER 120	AMTS		MEAN	GREATEST	IEAST
JAN	99.9		1.											•	837			
9	100.0														819			
MAR	100.0														889			
APR	100.0														870			
MAY	100.0														899			
NOT	100.0														870			
10ľ	100.0														868			
DUA	100.0														899			
38	100.0														870			
100	100.0														668			
NOV	100.0														870			
DEC	100.0														930			
ANNUAL	ANNUAL BOO. 0		0.											0.	.0 10530		X	X

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PRECIPITATION

MOPFETT FIELD, CALIFORNIA

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	Ę	MAR.	APR.	MAY	ž.	JUI.	AUG.	SEP.	OCT.	NO N	DEC.	ALL
45			64.		.32	TRACE		00.		.80	.25	. 80	
46	.61	.70	. 42		.29	. •	0.	8.	•	.02	1.08		1.08
47			.32	.10	.10	. 19	TRACE	00.	•	96.	.30		
48	*1.	.62	.36		64.	RA		TRACE	TRA	. 33	.07	1.52	
64			.67	10.	04.	4			•	60.	.42	***	
50	14.	.20	. 53	.21	.11	A	.03	TRACE	•	1.01	1.86	1.05	1.88
51			.70	.28	100	.08	00.	X	TRA	.31	640		
52	1.43		1.29	.63	.03	.02	.02	TRACE	•	.01	. 56	1.28	1.43
53	.33		.32	64.	. 35	.12	00.	.03	•	.17	. 85		
54	. 57	.36	1.14	.33	.07	. 22	00.	TRACE	-	TRACE	. 42	1.05	1.14
55	27.		40.	. 45	99.	00	TRACE	OK.	TRA	TRACE	69.		
56	96.		80.	.31	.68	00	•		•		TRACE		
57	1.36		.35	14.	.32	.05	RA	00.		.39	.15		
98		1.43	1.30	1.17	14.	.10	TRACE	.00	•		.10		
39			.19	+1.	.02	00.	•	TRACE	-	TRACE	10.		
09	1.27		.15	.47	.21	00.	TRACE	.00	TRA	*0.	1.49	. 59	1.49
19	+5.	.26	. 82	04.	*	.05	00.	.03	•	.10	.91		
62	. 55	1.52	.68	.08	TRACE	TRACE	00.	TRACE	•	2.51	.24	96.	2.51
69			.93	. 70	644	.02	4	.02	•	. 43	1.02		
49	1.94	.12	.27	.03	.17	.37	RA	.10	•	. 40		. 75	1.94
69	05.	.19	.87	.85	TRACE	TRACE		. 19	•	90.	.65		.87
99	.90	.18	.29	.34	0	•	.31	.03	•	.00			.90
67		.08	.71	.79	+0.	.08	00.	.00	•	.12	.54		
68		.26	.95	.71	.11	TRACE	TRACE	.03	TRA	.87	.65	.90	2.19
69	.88	16.	.35	. 56	.02	.02	00.	00.	•	.33			16.
70	1.18	. 40	1.09	.16	.02	60.		00.	•	.21	2.78	.92	2.78
7.1	.32	.25	.57	. 55	.03	TRACE	00.	.03	•	.03	.37	\$9.	+9.
72	. 28	.30	90.	.00	.16	. 24	4	00.	•	1.13		46.	1.41
73	1.20	1.18	.53	.13	.02	TRACE	TRACE	.00	•	.80	1.31	. 36	1.31
74	1.68		.59	19.		.20	.02	.00		. 56	.2	1.17	
MEAN													
S. D.													
TOTAL OBS													

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MOFFETT FIELDS CALIFORNIA

EXTREME VALUES

PRECIPITATION

24 HOUR AMOUNTS IN INCHES

MONTHS	1.19	1.20							1.44	.573	11843
DEC.	.13								.78	. 423	992
NOV.	604	.47							99.	. 593	066
OCT.	74.	.20							04.	. 505	1023
SEP.	.02	.47							.19	.352	066
AUG.	. 53	.00							40.	.103	1023
JUL.	.17	.17							.03	690.	992
JUN.	00.	00.							.07	*60.	066
MAY	TRACE	.38							.21	198	1023
APR.	.59	.10						4	.38	.287	960
MAR.	1.19	1.20							-62	.378	1023
FEB.	94.	.20							. 55	609.	876
JAN.	.78	10.							16.	. 588	961
YEAR	75	11						The second	MEAN	S. D.	TOTAL OBS.

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PRECIPITATION

MOFFETT FIELD, CALIFORNIA

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/BASED ON LESS THAN FULL MONTHS/

ALL	PRECIP	PRECIP	PRECIP									
DEC.	30											
NOV.												
OCT.												
SEP.						÷	8.8-4					
AUG.												
JUL.		300										
JUN.												
MAY												
APR.		29										
MAR.							- 19 19 19					
5	.91											
JAN.			30.0									
YEAR	4.4	6.4	51				***			MEAN	S. D.	TOTAL OBS.

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SNOWFALL

MOFFETT FIELDS CALIFORNIA

24 HOUR AMOUNTS IN INCHES

YEAR	JAN.	Ę	MAR.	APR.	MAY	JON.	JG.	AUG.	SEP.	OCT.	NOV	DEC.	MONTHS
4.5			TRACE		3				0.	0.	0.	0.	
45	0	0	0		0	0.	0	0	0.	0.		0.	
+1	0				0.	0.			0.	•	0.	0.	
48	0		0	0	0	0.		0.	0	0.		0.	
64	•	•	•	0.	•	•	•	0.	0.	0.	•	0.	0.
50	0,	0	0.	0	0	0.	0.	0.	••	0.	.0	0.	• 0
31		0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
52	8	•	0	0	0	0	0	0.	0	0.	0.	0.	9.
53	0.	0.	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
54	Ö	0	9	0	0	0.	0	0.	0	0.	0.	0.	0.
55	0	•	•	0.	•	0.	0.	0.	•	0.	0.	0.	0.
56	Ö		0	0	0	0	9	0	0	0.	.0	0.	90
57	TRACE	•	•	0		0.	0.	0.	0.	0.	0.	0.	TRACE
58	Ö		0.	0	0	0.	0.	0.	0	0.	0.	.0	
99	0	•	9	0.		0.	0.	0.	0.	0.	0.	0.	•
90	0	0	0	0	0	0	0	0	0	0.	0	0	0.
10	•	0.	0.	0.	0.	0.	•	0.	0.	0.	0.	0.	•
62	1.8	0	0	0	0	0.	0	0.	0	0.	0	0.	1.8
63	0.	0.	•	0.	•	•	0.	0.	•	0.	•	0.	•
99	0	0	0	0	0	0	0	0	0	0.	0	0.	0.
65	0.	0.	0.	0.	•	0.	•	•	0.	0.	•	•	•
90	0	0	0	0.	0.	.0	0	0	0	0.	0	0.	0.
67	0.	0.	•	0.		0.	0.	•	•	•	•	0.	•
68	0	0	0.	0	0	0.	0	0.	0	0.	0	0.	0.
60	0.	0.	0.	•	•	•	0.	•	•	0.	°.	0.	•
70	0	0	0	0	0	0.	0	0.	0	•	0	0.	0.
7.	•	•	•	•	•	0.	•	•	•	0.	•	0.	•
72	9	0	0	0	0	0	•	•	0	0.		TRACE	TRACE
73	•	•	•	•	0,	0.	•	•	•	0.	•	0.	•
7	TRACE	9	9	9	9	9	9	9	9	9	9	9	TRACE
MEAN							1				1		
S. D.													
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SNOWFALL
(FROM DAILY OBSERVATIONS)

24 HOUR AMOUNTS IN INCHES

MUFFETT FIELDS CALIFORNIA

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ALL	TRACE	•	9000
DEC.	00	•	1023
NOV.	00	0.	0000
OCT.	00	•	. 000 1023
SEP.	00	9	0000
AUG.	00	•	961
JUL.	00	•	0000
JUN.	0.0	•	0000
MAY	00		0000
APR.	00	•	0000
MAR.	TRACE	•	-000 -992
19	TRACE	•	- 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
JAN.	00	•	9000
YEAR	25	•	MEAN S. D. TOTAL OBS.

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SNOWFALL (FROM DAILY OBSERVATIONS)

/BASED ON LESS THAN FULL MONTHS/

MOFFETT FIELD, CALIFORNIA

45	WEAR	JAN.	5	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.5				c	0	0	0	0.					SNUFALL
0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0	•											0		SNOFALL
0.000	4.1		2.0	9.0	Sec. 2			0						SNOFALL
	84		0.5					0.0				29.0		SNOFALL
	16	90												SNOFALL
MEAN WEAN														
MEAN S. D.														
MEAN S. D.														
WARN S. O.														
MEAN S. O.														
MEAN S. D.														
MEAN S. D.														
MEAN S. O.														
3. O.														
8.0.	MEAN													
	S. D.													

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SNOW DEPTH

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DAILY SNOW DEPTH IN INCHES	
ILY SNOW DEPTH	#
ILY SNOW DE	Z
1	DEPTH
DAILY	NONS
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		0			0	0	0	0	0		0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	9	1		
MONTHS																														
DEC.	c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NOV.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
OCT.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SEP.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
AUG.		0	0	0	•	0	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
JUL.		0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
JGN.		0	0	0	0	0	0	0	0	0	0	0	0	0	•	0	0	0	0	0	0	0	0	0	0	0	9			
MAY		0	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
APR.		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MAR.		•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Ę		0		0																										
JAN.		C			0	0	6	0	8	0	0	0	0	0	-	0	0	0	0	0	•	0	0	0	0	0	•			
YEAR	4	30	8	31	32	53	34	95	36	57	58	65	0.0	19	62	63	**	65	99	67	99	69	70	7.1	72	73	74	MEAN	S. D.	

NAVWEASERVCOM

SNOW DEPTH

EXTREME VALUES

DAILY SNOW DEPTH IN INCHES

MOFFETT FIELD, CALIFORNIA

N

	00	0							0	00
MONTHS										1053
DEC.	00	0							0.	930
NOV.	00	0							0	870
OCT.	00	0							0.	0000
SEP.	00	0			*				0.	000
AUG.	00	0							0.	000
JUL.	00	0							0.	968
ž.	00	0							0.	000
MAY	00	0							0	0000
APR.	00	0							0	000
MAR.	00	0							0	000
FEB.	00	•							0	000
JAN.	00	0							9	837
YEAR	75	1							MEAN	S. D. TOTAL OBS.

NAVWEASERVCOM

-

SNOW DEPTH

48-77

MOFFETT FIELDS CALIFORNIA

0

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0

0

9

0

0

0

0

(N)

	ALL	SNO DPTH DAYS	SNO DPTH DAYS	SNO DPTH	SNO OPTH	SNO DPTH	SND DPTH	SND DPTH	UNIX							
	DEC.	0	0	0												
	NOV.	0	c	0	0											
	OCT.	0	0	0	0											
HS/	SEP.	0	0	0	0											
IN INCHES	AUG.	٥٦	0	0	c											
	JUI.	0	0	0	0,			0	06							
ESS T	ž	0	0	c	0											
/BASED ON LESS THAN	MAY	0	o	0	٥.											
/8AS	APR.	0	c	0	c											
	MAR.	c	0	0	c											
	Ę		٥	•	c											
	JAN.		•	•	à	250	0 0									
	YEAR	45	94	4.1	9	90	15	57						MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

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DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

000

MOFFETT FIELD, CA

23244 STATION

0

0

MONTH

1946-1977

YEARS

PERRUARY MONTH

DATE

MM

INCHES

DATE

M

INCHES

DAY

0

1955

1.68

0

SNOWFALL

PRECIPITATION

1974

1952 1953 1960 1970

0.58 0.65

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0

1.32

9

0

2

1968

1.43

12

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1969 1960

1.27

1946

19.0

PRECIPITATION GREATEST MM DAT 11 195 2 11 195 2 195 3 195 3 195 3 195 4 9 195 4 9 195 5 195 6 12 195 6 195	965 955 955 955 955 955 955 955 955 955	PATE
	INCHES INCHES	INCHES INCHES

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1962

94

1964

1958

1954

1.20

1956

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1969

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18 19 20 27 22 23

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17

1.94

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1962

1962

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1957

1969 1961 1966 1969

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25 92

0.61

24

9

1966

2.19

27 28 53 30

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* ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

0

1976

39 1962

1.52

Monthly

0

DIRNAVOCE ANMET - SMOS

ATE

DATE

MM

INCHES

DATE

MM

INCHES

DAY

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SNOWFALL

PRECIPITATION

1976

1.09

1.19

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O

DAILY EXTREME AMOUNTS

MUFFETT PIELD, CA

23244 STATION

0

MARCH

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

YEARS

	- I V SWOWS
MONTH	MOLEVELIGION
	10100

SNOWFALL	INCHES																															
Z	DATE	1968	1956	1958	1975	1958	1967	1952	1963	1965	1961	1966	1966	1971	1963	1961	19714	1957	1967	1963	1963	1967	1961	1974	1951	1963	1960	1954	1948	1948	1953	
PRECIPITATION GREATEST	MM	18	30	89	15	1.5	20	13	12	22	11	6	2	14	15	10	3	12	6	*	10	15	-	7	7	12	12	8	20	14	12	
PRE	INCHES	0.71	1.17	0.31	0.59	09.0		0.53	64.0	0.85		0.34	0.07	0.55	0.61	0.39	0.12	0.47	0.36	0.17	0.39	0.39	0.05	0.28	0.26	94.0	0.47	0.33	1	0.36	64.0	
	DAY	-	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	2.0

1945

1958

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1958#

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17 18 0.77

1971*

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-	0	1954			
	18	1967			
-	22	1965			
0	33	1958	•	-	1976#

0 10

1945-1977

MOFFETT FIELD, CA STATION NAME

23244 STATION

0

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MAN

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

040

DAILY EXTREME AMOUNTS

YEARS

		2000	N. C. C.	
£ .	PRECIPITATION GREATEST			SNOW
INCHES	MM	DATE	INCHES	2
0.05	1	1961		
900		. 701		

DATE

MM

INCHES

DATE

MM

DAY

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1957

10 1951

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SNOWFALL

PRECIPITATION GREATEST

DATE

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0.22 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.19 5 0.23 6 0.24 6 0.06 2 0.02 1 0.02 1 0.02 1 0.02 1 0.02 1 0.02 1 0.02 1 0.03 7 0.02 1 0.02 1 0.03 7 0.04 2 0.05 1 0.06 1	0.19 5 7 7 7 0.23 6 0.24 6 0.26 2 0.20 1 0.20 5 0.00 1 7	0.19 5 7 7 7 0.23 6 0.24 6 0.25 6 0.26 2 0.02 1 0.02 1 0.02 1 0.02 1 0.03 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.19 5 7 7 7 0.23 6 0.02 7 7 0.02 1 0.02 1 0.02 1 0.02 1 0.03 1 0.04 1 0.05 1 0.06 1 0.06 1 0.07 7 7 7 0.06 1 0.07 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.19 5 7 7 7 0.23 6 0.02 7 9 0.24 6 0.06 2 0.02 1 0.02 1 0.02 1 0.03 7 9 0.04 2 0.05 1 0.06 1 0.06 2 0.06 2 0.07 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 19 5 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
0.06 2 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.22 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.23 6 0.24 6 0.24 6 0.26 2 0.20 1 0.20 1 0.00 5 0.00 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0	0.23 6 0.24 6 0.25 6 0.02 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.23 6 0.24 6 0.24 6 0.02 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.23 6 0.24 6 0.24 6 0.05 2 0.02 1 0.02 1 0.08 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.23 6 0.24 6 0.24 6 0.024 6 0.025 7
0.23 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.23 6 0.24 6 0.06 2 0.06 2 0.06 2 1 1 0.06 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.23 6 0.24 9 0.24 6 0.02 1 0.02 1 0.02 1 0.08 2 7 7 7 7 7 7 7	0.23 6 0.24 9 0.24 6 0.02 1 0.02 1 0.02 1 0.08 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.23 6 0.24 9 0.24 6 0.02 7 7 7 0.02 1 0.02 1 0.02 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.23 6 0.24 9 0.24 6 0.02 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.23
0.24 6 0.06 7 0.02 1 0.02 1 0.02 1 0.08 2 0.08 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.24 6 0.06 2 0.06 2 0.02 1 0.02 1 0.02 1 0.00 2 0.00 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.24 6 0.24 6 0.06 2 0.02 1 0.02 1 0.02 1 0.00 2 0.00 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.24 6 0.24 6 0.06 2 0.02 1 0.02 1 0.00 5 0.00 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0	0.24 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.24 6 0.06 2 2 0.06 2 2 0.00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.24 6 0.06 2 0.06 2 0.06 0.06 0.06 0.06 0.0
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0.06 2 2 4 7 7 7 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.22 6 0.02 1 0.02 1 0.02 1 0.01 1 1 T	0.22 6 0.02 1 0.02 1 0.02 1 0.01 0.01 0.08 2 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.0	0.22 6 0.02 1 0.02 1 0.02 1 0.00 1 1 T	0.22 6 0.02 1 0.02 1 0.02 1 0.00 5 0.00 5 0.00 7 0.00 6 0.00 7 0.	0.22 6 0.02 1 0.02 1 0.02 1 0.00 1 7	0.22 6 0.02 1 0.02 1 0.02 1 0.02 1 1 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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0.20 5 197 0.08 2 195 T T 195 T T 195 T T 195 0.06 2 197	0.20 5 197 0.01 195 0.08 2 195 T T 195 T T 195 0.06 2 197	0.20 5 197 0.08 2 195 7 T T 195 7 T T 195 7 T T 195 7 T T 195	0.20 5 197 0.08 2 195 7 T T 195	0.20 5 197 0.08 2 195 1 T T 195 T T T 195 T T T 195 T T T 197 T T T 197 T T T 197	0.20 5 197 0.08 2 195 1 T T 195 1 T T 195 1 T T 195 1 T T 197 1 T T T 197 0.01 T T 195	0,20 5 197 0,01 2 195 7 T T 195 7 T T 195 7 T T 195 7 T T 195 0,01 T T 195 0,01 T T 195
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7 T T 195	7 T 195 7 T 195 0.06 2 197	0.06 2 195	0.06 Z 195	7 T T 195 0.06 2 197 T T T 197 0.01 T T 197	7 T T 195 0.06 2 197 T T 197 7 T T 197 0.01 T 195	7 7 195 0.06 2 197 7 7 195 7 7 197 7 7 197 0.01 195
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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

23244 STATION

MUFFETT FIELD, CA

MONTH

1945-1977

YEARS

INCHES	PRECIPITATION GRAND GRAN	DATE 1953	w, c	SNOWFALL	
0 00000	WW P-	1953#			
0 0 000 000	F FF	1953#	INCHES	MM	DATE
	FF 7-1	1953			
0 000 000					
	·	10584			
0 000 000	7-1	1976#			
0 000 000	7-1				
	-	1963			
	•	1965			
0 000 000		1961			
000 000	5	1965			
000 000		1968			
00 000		1968			
000		1976			
	•	1976			
	2	1976			
1.0	13	1975			
•	3	1976			
•					
70.0		1968			
22 T	-	1976			
23 T	-	1959			
24 0.03	-	1971			
25 T	-	1971			
26 0.03	-	1961			
27 0.11	2	1949			
28	-	1953			
0.0	-	1953			
		1966			
0.1	3	1964			

10

0 0

* ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

Monthly 0.53

-

DIRNAVOCE ANMET - SMOS













DAY

DATE

MM

INCHES

DATE

MM

INCHES

SNOWFALL

PRECIPITATION







1957

9

2

1963

1977

0.17

1974

0.02

6 9 = 12

00



1968#

1966

1957#

1975

0.17

1958

1952



14 15 16 11

13



0.00

18

19



21 20 22 23





1965

1946

0.09

25 26 27 28 30

24



1968 1968 1966 1949



0.31



DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

23244 STATION

MOFFETT FIELD, CA STATION NAME

SEPTEMBER

1945-1977

YEARS

DC TOBER MONTH

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCE ANMET - SMOS

0

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0 0

DATE

MM

INCHES

DATE

MM

INCHES

DAY

0

1960

SNOWFALL

PRECIPITATION GREATEST

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0

1969 1966 1968*

1961

1959

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96.1

18 19

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2 21

1973

1958

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22 24 23

1975 1976# 1976# 1976#

1969

0.10

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0.20

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38

1973#

1962

1972 1976 1976 1976

0

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27 28 29 30

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0

90 1959

1.96

Monthly

HARI

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1.49

0.31

8 1963

1960

1946

0.49

2.78

28 30

27

0.30

26

1967

71 1970

2.78

31

DIRNAVOCEANMET-SMOS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

23244 STATION

0

0

MOFFETT FIELD, CA

NOVEMBER

DATE

MM

INCHES

DATE

MM

INCHES

DAY

0

0.05

1968 1970

0.46

0

1964

1966

0.25

0.83

0

0.86

15

0

14

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0.65

16 11 18

1972 1965 1965 1950

1.88

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19

0

1965

10

1.05 .16

1.41

9

=

12

0

0.42

0

0.91

8 21 22 23 24

0

SNOWFALL

PRECIPITATION GREATEST

1945-1977

YEARS

DECEMBER

	DATE							1972																									1972
SNOWFALL	MM							1																									
ชื่อ	INCHES							•																									-
z	DATE	1952	1954	1950	1945	1966	1972	1950	1955	1954	1968	1965	1965	1950	1950	1957	1962	1977	1955	1955	1970	1945	1955	1955	1946	1968	1948	1974	1951	1965	1952	1954	1954
PRECIPITATION	MM	33	24	26	20	20	24	27	23	27	8	7	3	6	9	21	24	22	26	27	23	16	37	35	11	23	39	30	25	11	22	11	87
PRE	INCHES	1.28	0.95	1.02		0.80		1.05	68.0	1.05	0.30	0.26	0.11	0.37	0.22	0.84		0.88		1.08	0.92	0.62	2.23	.3		06.0		1.17	66.0	1		0.43	2.23
	DAY	1	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

* ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NWSD, Federal Building Asheville, N. C.

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is period. Every month of a year must have valid observations present before the ALL MONTHS value is selected column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire for that year. Means and standard deviations are computed when four or more values are present for any

According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

<u>Bivariate percentage frequency tabulations:</u> Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

these data where light and variable winds are reported with no directions but with speeds given, the speeds A separate category is provided on the form for variable winds, which are reported in some data sources. will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet. è

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SURFACE WINDS

DAILY PEAK GUSTS IN KNUTS

MOFFETT FIELDS CALIFORNIA STATION NAME

135512

NO

YEAR	NAL JAN.		I. MAR.		APR.	MAY	Š	₹	AUG.	G. SEP.		OCT.	NOV	DEC	·i	MONTHS	S
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		2	NO NO	427	N Z	2 6		2 3	SPERSE	NAN	76			4 SE		•	7
31		SE	27NW	NNM SZ	NAT T	52	-		-	Z	-	1		MS.		1	1
35	3,	*NA+	28SE		SIES	30	N	ZZZ	SANE	SAC Z	2			32E		SE	5
53	S		SPESE	BENE	NO S	w .	NAN	200	SINNE	SANS	2 2	0.00		328SE	35	z	2
55		Z	BANK	365	45NH	38	2		SONN	21 NE	2			155E			
36		ZZe	BOEZE		272	25	3		SENE	SON	N		327	NO		SE	20
25		3885	39EN	100	3600	84	203 40	100	SANS	275	20	100	,	ZUZ	1	z	4
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19			46ESE	301	33	31		1	SBNNE	22NNE	~	100	NE	75SE		SSW	40
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MEAN																	
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SURFACE WINDS

MOFFETT FIELDS CALIFORNIA STATION NAME

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DAILY PEAK GUSTS IN KNOTS

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SURFACE MINDS

MOFFETT FIELDS CALIFORNIA

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/BASED ON LESS THAN 90% DBSERVATIONS FOR MONTH/

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NOURS (L.S.T.)

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155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

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WEATHER

73-77

CONDITION

SPEED (KNTS) DIR.

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91 - 16					9.	1.3	1.3		0.								X	
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5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

MUFFETT FIELD, CALIFORNIA

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ALL WEATHER

HOURS (L.S.T.) JAN.

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SURFACE WINDS

MEAN WIND SPEED	5.5	10.0	10.0			5.2	4.9	5.8	8.5	2.0		4.3	2.8	3.7	6.8	5.2			2.7
*	1.3	1.3	9.			3.9	11.6	7.7	1.3	1.3		1.9	7.1	3.9	3.9	3.2		51.0	100.0
95 Al																		X	
48 - 55																		X	
41.4																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		X	
2 - 22																		X	
17 - 21	7.5						9.											X	9.
11 . 16		9.					1.9	9.	9.						1.3			X	5.2
7 - 10	9.		9.			1.3	1.3	1.9				9.			•	•		X	7.7
:	0.	9.				1.3	2.0	3.2					1.9	2.0	1.3	1.3		X	15.5
:						1.3	5.2	1.9	9.	1,3		1.3	5.2	1.3	9.	1.3		X	20.0
SPEED (KNTS) DIR.	z	NN NN	NE NE	ENE	-	ESE	35	SSE	s	SSW	SW	WSW	*	WWW	¥	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

100.1

3.0

155

TOTAL NUMBER OF OBSERVATIONS

27.1

9

2.6

SURFACE WINDS

100

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER

MOFFETT FIELD, CALIFORNIA

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ALL

YEARS

NAN

NOURS (L.S.T.)

CONDITION

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SPEED (KNTS) DIR.

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WNW WNW

VARBL CALM

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11.16	1.3		9.					3.2	1.3				•	9.		\bigvee	7.7
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MEAN WIND SPEED

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

23244 STATION

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ALL WEATHER

NOURS (L.S.T.)

MONTH

YEARS

22 - 27

17 - 21

11 . 16

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SPEED (KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

5.4

MEAN WIND SPEED

2.0

155

TOTAL NUMBER OF OBSERVATIONS

26.5

CALM

5.4

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

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YEARS

WEATHER

HOURS (L.S.T.)

NAL

CONDITION

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SPEED (KNTS) DIR.

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N 28																\bigvee	
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17 - 21						9.										\bigvee	9.
11 - 16	2.6	9.			9.	9.	2.6	9.							2.6	X	10.3
7 . 10	3.2	•					2.6	1.3		9.		1.3	1.9	1.9	2.0	X	16.1
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MEAN WIND SPEED

17 - 21

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SPEED (KNTS) DIR.

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS)

73-77 WEATHER ALL

MOFFETT FIELDS CALIFORNIA

23244 FEATON

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16 HOURS (L.S.T.)

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TOTAL NUMBER OF OBSERVATIONS

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VARBL

DIRNAVOCEANMET SMOS

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5702 SURFACE WINDS JAN 78

9.3

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MEAN WIND SPEED

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WINDS SURFACE

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL WEATHER MOFFETT FIELDS CALIFORNIA

73-77

19 HOURS (L.S.T.) LAN

17 - 21

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VARBL

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2007

TOTAL NUMBER OF OBSERVATIONS

155

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36.8

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DIRNAVOCEANMET SMOS

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5702 SURFACE WINDS JAN 78

SURFACE WINDS

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DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELDS CALIFORNIA

ALL MEATHER

YEARS

22 HOURS (L.S.T.)

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% AI																		\setminus	
48 - 55																		X	
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::					1,3	1,3	9.	5.6	5.8		1.3	1.9	7.1	3.9	2.6			X	
SPEED (KNTS) DIR.	z	NNE	N.	ENE	3	ESE	35	SSE	s	SSW	NS	WSW	*	WNW	NW	NNW	VARBL	CALM	

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

1240

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

SURFACE WINDS

MOFFETT FIELD, CALIFORNIA

73-77

YEARS

ALL HOURS (L.S.T.)

NON HON

CONDITION

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ALL MEATHER

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7 - 10	1.6	9.	.2			•	1.2	2.2	9.		1.	1.	9.	1.0	1.0	1.9		X	
• •	4.1	30.	. 3		5.	9.	1.4	2.1	£.	6.		. 3	1.6	1.7	2.0	4.0		X	*
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SPEED (KNTS) DIR.	z	N.	¥			ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	NW	NNN	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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MOFFETT PIELD, CALIFORNIA

23244 STATION

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ALL WEATHER

73-77

NOURS (L.S.T.)

FEB

CONDITION

MEAN WIND SPEED	3.0				3.0		4.5	4.								9.6			2.0
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48 - 55																		\bigvee	
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;						1.4		2			1.4	.7			1.			\bigvee	8.6
:		1.4			1.4	.7	3.6	7.2	3.6	1.4		1.4	7.2	2.2	.7			X	32.4
SPEED (KNTS) DIR.	z	NNE	¥	Z	•	ESE	*	328	•	SSW	NS.	WSW	*	WNW	W	NNN	VARBL	CALM	

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DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

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34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

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- 3

SPEED (KNTS) DIR.

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA STATION WANTE

23244

YEARS

WEATHER ALL

04 HOURS (L.S.T.)

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8 8 9 9 9 9.00 7.0 0.4 MEAN WIND SPEED 3.5 7.8 2.8 2.4 8.7 * 12 48 - 55

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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WWW WWW



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CALM

VARBL







1.0

MEAN WIND SPEED

3.0

1:42

1.4

5.0

WWW

SSW SSW WSW NW NAW

CALM

1.4

11.4

30.7

140

2.7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELDS CALIFORNIA

23244 STATION

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ALL WEATHER

NOURS (L.S.T.) FEB

CONDITION

11.4 11.4 7.9 40.0 10000 2.1 ... * 128 48 - 55 41 - 47 34 - 40 28 - 33 22 - 27 . -17 - 21 1.4 . 11 - 16 15.7 5.5

1.4

3.0

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7 - 10

4.6

1.3

SPEED (KNTS) DIR.

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

2

FEB

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) 73-77 ALL WEATHER CONDITION MOFFETT FIELDS CALIFORNIA

MEAN WIND SPEED	4.4	5.4	2.0	3.0	5.5	7.0	6.1	6.9	7.0	10.0			2.7	5.7	4.9	6.3			4.1
*	7.8	4.9	1.4	1.4	1.4	7.1	12.8	7.1	2.8				2.1	5.0	5.0	6.6		29.1	100.0
%																		X	
48 - 55																		X	
41.4																		X	
34 - 46																		X	
28 . 33																		X	
22.22																		X	
17 - 21																		X	
51 . 15	.7	1.4				.7	1.4	1.4								4.		X	7.1
7 . 10	.7	.7				8.8	3.5	1.4	.7	.7				2.1	2.1	4.3		X	19.1
;	2.1			.,		2.0	3.5	3.5					. 7	1.4	2.1	2.1		X	19.9
:	6.9	3.5	1.4	.1	1.4		4.3		1.4				1.4	1.4		2.8		X	24.8
SPEED (KNTS) PIR.	z	7	*	ENE		ESE	38	SSE	•	SSW	SW	WSW	*	WWW	N.	NNW	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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141

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

QUENCY OF WIN	PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	S S		(S)
AND S	SE FREQUENCY CTION AND SOURLY OBSER	¥ 05 ×	PEED	VATION
	SE FRE	QUENC	AND	OBSER

SURFACE WI				101	
		YEARS			
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77		ALL WEATHER	CIASS	CONDITION
PERCENTAC DIRE (FROM H	PIELDS CALIFORNIA	STATION NAME			
SERVICE NC NC					1
NAVAL WEATHER SERV DETACHMENT ASHEVILLE, NC	MOFFET				

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•	7 . 10	9 . 1	17 . 21	22 . 27	28 - 33	3 6	41.0	8 . 8	\$		MEAN WIND SPEED
~	7.1	.7								27.0	5.8
3.5	1.6									9.2	3.9
1											4.0
-											
											4.0
1	1.04									2.8	7.3
2.8	2.8									4.9	8.2
*	1.4									3.5	5.8
*	2.8	2.8								7.1	0.6
										1.4	0.6
4.										1.4	4.5
-	1.									1.	10.0
3.	. 7									2.8	5.5
2.1	1.									2.8	
2.1	1.4	2.1								7.1	7.3
6	3.5	2.1								19.1	0.9
$\langle \cdot \rangle$	X	X	\bigvee	\bigvee	\bigvee	\bigvee	X	X	\bigvee	1.1	
4.2.4	34.1	9.2								3000	8.8

MEAN WIND SPEED

28 - 33

22 - 27

17 - 21

11 . 16

7 . 10

4.6

1.3

SPEED KNTS)

2.1

5702 SURFACE WINDS JAN 78

7.0

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10.0

5.3

8.5

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

0

0

0

0

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0

YEARS

ALL WEATHER

16 HOURS (1.5.T.)

CONDITION

1.4 5.0 10.6 33.3 20.6 3.5 2.8 .7 7.1 * 128 48 - 55 41 . 47 34 - 40

2.8

2.1

2.1

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NUMBER
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TOTAL

141

7:1

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17.0

34.8

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NAW NAW

CALM

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DIRNAVOCEANMET

0 5702 SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0:00

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA

23244 STATION

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ALL WEATHER

19 HOURS (1.5.T.)

FEB

CONDITION

MEAN WIND SPEED	5.6	3.0	3.5	0.4	8.1	6.5	4.0	T	4.0	2.9	4.3	6.2	5.4		4.4
*	6.6		4.3	2.1	5.1	6.6	2.8		1.4	7.1	17.0	14.2	6.6	14.9	100.0
95 A1														X	
48 - 55														X	
41.47														X	
34 - 40														X	
28 - 33														X	
22 - 27														X	
17 - 21														X	
91 - 11	1.				1.4	2.1								X	4.3

2.1

2.1

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

3.5

30.5

27.0

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4 9 7

5.7

WWW WWW

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VARBL

CALM

SSW SW

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141

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

28 - 33

22 . 27

17 - 21

11 - 16

7 - 10

1.3

SPEED (KNTS) DIR.

1.5

1.4

. 1

3 2 2 2 8

5.2

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200

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MOFFETT FIELD, CALIFORNIA

YEARS

ALL WEATHER

22 HOURS (1.5.T.)

FEB HONTH

CONDITION

141

2,5

10000

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2.1

9.2

32.6

CALM

43.3

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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SS SS S

2.1 2.1

SSW

WSW WSW

WWW NWW VARBL

1 . 4

MEAN WIND SPEED

*

128

. 55

22 - 27

17 - 21

11 . 16

7 - 10

4.6

-3

SPEED (KNTS)

5702 SURFACE WINDS JAN 78

1.8

8.5

9.4

9.1

4.0

5.8 10.1

WINDS SURFACE

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 MEATHER

ALL HOURS (L.S.T.)

FEB

100.0 TOTAL NUMBER OF OBSERVATIONS

.2

6.1

16.4

22.0

24.9

1125

3.9

29.8

DIRNAVOCEANMET SMOS

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0

MOFFETT FIELD, CALIFORNIA

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NW NAW

CALM

WNW

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

23244

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2.4.

SW SW WSW

1.2

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MEAN WIND SPEED

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELD, CALIFORNIA

23244 STATION

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ALL WEATHER

HOURS (L.S.T.) MAR

CONDITION

4.6

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SPEED (KNTS) DIR.

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- ESE ESE ESE ESE

*	1.3		2.6	7.7	6.4	11.0	2.6	1.3	13.5	11.0	4.5	5.8	59.0
% AI													X
48 - 55													X
41 - 47													X
34 - 40													X
28 - 33													X
22 - 27													X
17 - 21												9.	X
91 - 11									1.3			1.3	X
	60			9.	5.	.0			.3	.3	.3	. 3	1

1

8.4.2

2.1

TOTAL NUMBER OF OBSERVATIONS

155

3,2

100.0

9.

5.6

11.6

21.9

3.5

7.1

WWW

NW NNW VARBL

CALM

SSW WSW

8

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1.9

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1.9

11.0 2.6 1.9 1.9 1.2.3

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32.3

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NINW VARBL

CALM

2.6

5.2

SW SW WSW * WW 5.2

26.5

25.8

0

MEAN WIND SPEED

*

12

. 55 4

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

6888

WINDS

SURFACE

STATHER CLASS ALL

73-77

MOFFETT FIELDS CALIFORNIA

NOURS (L.S.T.)

MAR

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4	
34 . 46	
28 - 33	
22.27	
17 - 21	
91 . 11	1.3

7 - 10

4.6

- 3

SPEED (KNTS)

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET

5702 SURFACE WINDS JAN 78

SURFACE WINDS

I

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

HOURS (L.S.T.) MAR YEARS 73-77 ALL WEATHER COMDITION MOFFETT FIELDS CALIFORNIA

0

0

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0

0

MEAN WIND SPEED	8.8		2.0	2.0	3.0	5.4	7.3	4.3	3.6	1.5	2.0	3.3	3.1	6.1	2.0	8.4			3.5
×	3.2		9.	9.	9.	4.5	10.3	11.6	0.6	1.3	9.	1.9	0.6	7.7	9.	5.8		32.3	100.0
% Al																		X	
8 . 55																		X	
41.4																		X	
34 - 40																		\bigvee	
28 - 33																8		\bigvee	
2.27																9.		X	9.
17 - 21																		X	
. 16	9.					9.	9.							1.3				X	3.2
7 . 10	2.0						5.8	1.9	••					9.		2.6		X	14.2
:						2.0	1.9	4.5	4.5			9.	4.5	3.9		1.3		X	23.9
::			9.	9.	9.	1.3	1.9	5.2	3.9	1.3	9.	1.3	4.5	1.9	9.	1.3		X	25,8
SPEED (KNTS) DIR.	z	NN.	¥	ENE	3	ESE	35	SSE	8	SSW	SW	WSW	*	WWW	WW	NNW	VARBL	CALM	

1

891

155

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

1.9

2.6

7.7

3.9

7.8

16.1

WINDS SURFACE

> PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

MUFFETT FIELDS CALIFORNIA

YEARS

10 HOURS (1.5.T.)

MAR

ALL WEATHER

COMBITION

VI 85																\bigvee	
48 - 55																\bigvee	
41.47																\bigvee	
34 . 40																\bigvee	
28 - 33																\bigvee	
22.27															• •	\bigvee	•6
17 - 21																\bigvee	
11 . 16	9.	9.				9.	1.3	9.	9.				2.6	1.3	1.9	X	10.3
7.10	1.3		9.			9.	2.6	3.2	2.6	9.	1.3	1.9	1.3	1.9	7.7	X	25.8
•	7.7	3.9	9.		9.	9.	9.	3.2	1.9	1.9	••	9.	3.2	1.9	2.6	X	20.0 30.3
?	1.9	1.3	1.3	9.	1.9		1.9	1.9	1.3			1.3	1.3	1.9	3.2	X	20.0

TOTAL NUMBER OF OBSERVATIONS

155

3.6

100.0

12.9

DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SPEED (KNTS) DIR.

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0

- 32 33

SSW

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SW

WW W

WSW

NW NWW

CALM

155

TOTAL NUMBER OF OBSERVATIONS

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL WEATHER

MOFFETT FIELD, CALIFORNIA

0

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0

13 HOURS (L.S.T.)

MAR

KNTS) DIR.	1.3	•	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	8	*	MEAN WIND SPEED
z	1.9	7.7	4.5	3.2								17.4	1.0
NNE	9.	5.8	1.3									7.7	5.7
N.	9.	9.										1.3	0.4
ENE													
ESE	9.		9.									1.3	4.5
38			2.0	9.								3.2	9.4
SSE		9.	1.9	7								4.5	10.4
s		9.	1.3	1.9								3.9	10.5
SSW				9.								9.	14.0
SW													
WSW	1,3			9.								1.9	5.1
*	1.3	6.€	3.9	9.								4.6	6.8
WNW	9.	9.	9.	1.3								3.2	8.0
WW	9.	6.1	5.6	5.2								10.3	9.6
NNN	1.9	7.1	16.8	5.8	9.							32.3	8.3
VARBL													
CALM	\bigvee	X	X	X	M	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	5.6	
	9.7	29.0	36.1	21.9	9.							100.0	7.1

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1001

MEAN WIND SPEED

*

128

48 - 55

41 - 47

34 - 40

28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

- 3

SPEED (KNTS) DIR.

• 6

4.5

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4.0

9.

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3.2

10.01 10.4

26.5

1.9

3.2

5.2 7.1 5.8

1.9

2.0

3.0

30.3

44.5

16.1

8.0

3.2

0

3

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MUFFETT PIELD, CALIFORNIA

YEARS

ALL WEATHER

16 HOURS (L.S.T.)

1.9

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1.3 • 3.5 TOTAL NUMBER OF OBSERVATIONS

155

4.6

10000

9.

DIRNAVOCEANMET SMOS

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- 12 38 38 S

SSW

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NW NAW

CALM

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WWW WSW

TOTAL NUMBER OF OBSERVATIONS

-

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 MOFFETT FIELDS CALIFORNIA

0

YEARS

19 HOURS (L.S.T.)

MAM

CONDITION

SPEED (KNTS) DIR.

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- 2 2 2

0

WEATHER CLASS

WEAN WIND SPEED	7.4	2.0		0.9	5.5	8.6	0.4	4.5	2.0	5.3	5.4	8.0	6.5	7.9		6.6
%	13.5	9.		9.	3.9	4.5	5.6	1.3	9.	2.6	16.1	21.9	12.9	14.8	3.9	100.0
VI 95															X	
48 - 55															X	
41.4															X	
34 - 40															X	
28 - 33															X	
22 - 27															X	
17 - 21															X	
11 - 16	1.9					1.9					9.	3.9	9.	2.6	X	11.6
7 - 10	6.9				9.	9.	9.			9.	5.5	0.0	5.4	5.8	X	34.2
4:4	4.5			0.	3.2	0.	9.	1.3		1.3	7.7	7.1	6.5	5.8	X	39.4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	=

WSW WSW

*

SSW

NW NW

VARBL

CALM

3

SURFACE WINDS

0

PERCENTAGE FREQUENCY OF WIND FROM HOURLY OBSERVATIONS)

MAR	ионти	HOURS (L.S.T.)	
73-77	VEARS VEARS	ctass	CONDITION
LOS CALIFORNIA	STATION NAME		

34 - 40 41 - 47 48 - 55 ≥56 % WIND SPEED	5,8 6,1	1,3 2,5		0.8	1.9 4.7	1.3 4.0	5.2 6.3	7.1 5.6	5,2 3,6	1,9 2.0	2,6 2,3	3,9 3,8	16.8 3,	16.8 5.5	6.9 E.4	1.9 8.0		2.65	
22 - 27 28 - 33																		X	
11 . 16 17 . 21	9.						9.	9.						1.9	9.	9.			-
7 - 10 11	1.9				9.		1.3	6.1	9.			9.	1.9	2.6	1.9			$\langle \rangle$	
*	1.3			9.		1.3		1.	1.3		•	1.9	5.	6.	1.	1.3		X	-
.:	1.9	1.3			1.3		1.3	2.6	3.8	1.9	1.9	1.3	6.7	5.8	9.			X	
SPEED (ENTS) DIE.	z	NNE	Z	ENE		ESE	38	SSE	8	SSW	SW	WSW	*	WNW	WW	MNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

I

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELD, CALIFORNIA

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ALL WEATHER

NOURS (L.S.T.) TAR

CONDITION

MEAN WIND SPEED	7.	3	4	3	*	5	9	5	5.	4	2.	5	5.	7.	7.	8			8
×	0.6	2.0	9.	.3	1.0	2.0	5.8	7.5	6.5	1.6	. 8	2.3	11.0	12.2	8.9	13.4		17.1	100.0
% AI																		X	
48 - 55																		X	
41.4																		\bigvee	
34 . 40																		\bigvee	
28 - 33																		\bigvee	
2.2																.2		\bigvee	6.
17 . 21	1.														2.	• 5		\bigvee	4.
11 . 16	1.6	.1	.1			.2	.5	9.	9.	.2		.1	.7	2.5	1.3	5.9		X	11.3
7 . 10	3.2	.2	7.		7.		2.3	7.0	1.5	2.		9.	2.4	3.1	2.4	5.6		X	28.7
•	3.0	1.3	2.	.2	e.	6.	1.7	5.9	1.5	4.	.2	1.0	0.4	4	7	3.0		X	26.8
1:3	1.1	.5	6.	2.	• •	9.	1,3	2.3	5.9	8.	9.		3.00	2.6	1.0	1.2		X	20.5
SPEED (KNTS) DIR.	z	NN	¥	ENE	•	ESE	35	SSE	s	SSW	NS	WSW	*	WWW	WW	MNW	VARBL	CALM	

E

TOTAL NUMBER OF OBSERVATIONS

1240

SURFACE WINDS JAN 78

3.8

1.3

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MOFFETT FIELDS CALIFORNIA

YEARS

ALL WEATHER

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t E t

SURFACE WINDS

NOURS (L.S.T.)

MEAN WIND SPEED 3.3 .7 * 128

48 - 55

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

2.0

Z Z Z Z

3.3 3.00 9.00 3.0 10.7 12.7 26.0 100.0 2.0 2.7

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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23244 STATION

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1.3 2.0 .7

22.23

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. 7

SSW WSW *

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NNW VARBI

CALM

WNW

0

1.3

9.3

26.0

37.3

6

0

MEAN WIND SPEED

*

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

-3

SPEED (KNTS) DIR.

5702 SURFACE WINDS JAN 78

3.0

4.3

111.3

1.3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MOFFETT FIELDS CALIFORNIA

ALL WEATHER

YEARS

NOURS (L.S.T.)

150

2.9

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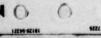
1340

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC





23244 STATION













1.3

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WSW WSW













WNW NW NWW VARBL



CALM



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10.0

22.7

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TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION MOFFETT FIELDS CALIFORNIA

Ox:

0

SPEED (KNTS) DIR.

YEARS

NOURS (L.S.T.) A P R

-

SURFACE WINDS

MEAN WIND SPEED	5.0	3.5	3.0	4.4	1.4	5.2	3.7	3.2	3.0	0.0	3.5	4.1	4.8	9.9		3,1
×		2.7	1.3	3.3	3.3	13.3	10.0	0.9		••	10.0	8.7	3.3	5.3	30.7	100.0
% Al															X	
48 . 55									1000						X	
41.4															X	
34 - 40															X	
28 - 33							0								X	
22 - 27															X	
17 - 21															X	7.
11 . 16															X	3.3
7 - 10					1.3	3.3						1.3			X	7.3
;	1.	1.3				5.3	0.4	2.0			0.4	1.3	2.0	2.0	X	23,3
£:-		1,3	1.3	2.7	1.3	4.0	5.3	4.0	1.		0.9	5.3		2.0	X	34.7
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SSW SW WSW

WNW NWW NWW NWW NWW

CALE

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL WEATHER CONDITION MOFFETT FIELD, CALIFORNIA

0

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0

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0

NOURS (L.S.T.)

APR

% WIND SPEED	23,3 5,	12.0 5.	4.0 2.7	2.0 3	5.3 4.0	2.7 3.5	4.0 9.3	8.9 6.8	2.0 5.0	.7 8.		2.0 5.3	4.0 5.8	4.7 9.1	7.3 7.1	16.7 6.		5.3	100.0
şî Al																		X	
48 - 55																		X	
41.4																		X	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
2.2																		X	
17 - 21	. 7													1.		.,		X	
51 . 16	4.	1.3					1.3							1.3	1.3	1.3		X	2 2
7 . 10	2.0	1.3			. 7		1.3	2.7	.7	.7			1.3		1.3	4.0		X	
:	16.0	5.3		1.3	2.7	1.3	1.3	. 7	. 7			2.0	2.0	2.0	0.4	8.0		X	47 2
::	0.4	0.4	0.4		2.0	1.3		.7					. 7		. 7	2.7		X	2
SPEED (KNTS) DIR.	z	NN	¥	ER		ESE	35	SSE	s	SSW	SW	WSW	*	WWW	NW	NNW	VARBL	CALM	

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150

TOTAL NUMBER OF OBSERVATIONS

0

0

28.0

MEAN WIND SPEED

8.0

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1.3

000

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

CONDITION

0

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1.3

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TOTAL NUMBER OF OBSERVATIONS

150

9.0

100.0

2.0

25.3

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20.7

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2.7 2.3 1.3 5.3

22.00

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WWW NWW

VARBL

CALM

2.0

SSW WSW W

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DIRNAVOCEANMET SMOS

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23244

MOPPETT FIELDS CALIFORNIA STATION MANE

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APR

13 HOURS (L.S.T.)

22 - 27

17 - 21

11 - 16

7 - 10

4.6

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SPEED (KNTS) DIR.

4.7

14.7

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APR

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER MOFFETT FIELDS CALIFORNIA

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SPEED (KNTS) DIR.	:	;	7 - 10	9	17 - 21	22 - 27	28 - 33	34 . 46	4.4	48 - 55	۲۱ کو	×	MEAN WIND SPEED
z		4.7	0.9	7.3								18.0	9.6
NNE		.7	.7									1.3	
¥													
ENE		1.3										1.3	5.0
		.7										.,	4.0
ESE													0.9
35													
SSE			.7										10.01
8		.7	2.7		.7							4.0	9.5
SSW													12.0
SW			1.3									1.3	8.5
WSW			.1	1.3								2,0	12.3
*		7.	4.7	6.7								12.0	10.6
WWW		.1	3.3	7	.7	.7						9.3	11.7
NW			6.7	4.0								11.3	10.5
NNW		1.3	16.0	17.3	2.0							36.7	11.4
VARBL													
CALM	\bigvee	X	X	X	X	X	\bigvee	\bigvee	\bigvee	X	\bigvee	0.	
		12 6	4.0.7	4. 2		8						000.	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA

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ALL WEATHER

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 8.9	4.6	8.4		7.7	150
 17.3	16.7	26.7	•	100.0	
			X		RVATIONS
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			X		TOTAL NUN

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(KNTS)	:	4.6	7 . 10	. : 8. :	17.21	22 - 27	28 · 33	34 - 40	41.4	48 - 55	% AI	×	WIND SPEED
z	1.3	3.3	7.3	2.7								14.7	7.9
NN	7.											.,	3.0
NE													
ENE													
ESE													
35		1.3										1.3	5.0
SSE		.,										1.3	7.5
S	1.3	2.0	1.3									4.7	5.1
SSW													
SW													
WSW		2.7	2.7									5.3	6.6
*			5.3									10.7	6.9
WNW				2.0	1.3							17.3	8.9
WW		8.0	5.3	2.7								16.7	7.6
NNN			14.7	4.7								26.7	8.4
VARBL													
CALM	X	X	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	• 1	
	5.3	34.0	46.7	12.0	10.3							100.0	7.7

DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10

22 HOURS (L.S.T.)

APR

YEARS

73-77

MOFFETT FIELD, CALIFORNIA STATION MANE

ALL WEATHER

CONDITION

0

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MEAN WIND SPEED	3.8	4.4	3.3	3.0	3.0	3.0	5.4	4.8	5.0	3.0	4.3	0.4	4.2	5.4	6.1	4.4			3.8
*	12.7	3.3	2.0	4.7		2.7	3.3	2.7		1.3	2.0	0.9	15.3	15.3	5.3	7.3		14.7	100.0
95 AI																		X	
48 - 55																		X	
41.47																		X	
34 - 40																		\bigvee	
28 - 33		`																\bigvee	
2.2																		\bigvee	
17 - 21																		\bigvee	
11 . 16														2.0				X	2.7
7 - 10	.7						1.3						.7		2.0	1.3		X	11.3
•	6.7	1.3	1.3	1.3				1.3			2.0	3.3	10.0	5.3	1.3	3,3		X	39.3
:	5.3	1.3	. 7	3.3	. 7	2.0	1,3	.7		1.3		2.0	4.7	4.7	1.3	2.7		X	32.0
SPEED (KNTS) DIR.	z	N N	Z	Z	•	ESE	*	SSE	•	SSW	NS.	WSW	*	WWW	XX	NNW	VARBL	CALM	

5702 SURFACE WINDS JAN 78

WEAN SPEED S

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA

23244 STATION

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ALL WEATHER

YEARS

ALL HOURS (L.S.T.)

APR

CONDITION

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*	12.7	3.1	6.	1.4	1.8	2.3	2.5	5.1	6.4	1.1	1.2	5.5	10.7	6.5	7.2	16.4		6.61	
3																		\bigvee	
48 - 55																		X	
41 . 47																		\bigvee	
34 · 40																		\bigvee	
28 · 33																		\bigvee	
22 - 22														.1				X	
17 . 21	.1								.1				.1	.3		9.		X	
5 5	1.9	.2			.1	.2	.2	.3	.1	.1		.2	1.02	1.5	1.7	4.1		X	
7 - 10	3.8	.3	• 1		.2	.3	1.5	9.	.7	• 2	.2	4.1	5.4	3.1	2.5	7.2		X	
:	5.5	1.5	.2	. 7	9.	8.	1.9	1.7	1.2			1.2	4.4	2.5	5.4	3.3		X	
.:	1.7	1:1	.7	. 7	1.0	1.0	1.5	2.2	5.9	.7	.3	.3	2.7	2.0	9.	1.2		X	
SPEED (KNTS) DIR.	z	NNE	2	ENE		ESE	SE	SSE	s	SSW	SW	WSW	*	WWW	WN	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MUFFETT FIELDS CALIFORNIA

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CONDITION

FAT	MONTH	10	HOURS (L.S.T.)
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SURFACE WINDS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

73-77

MOFFETT FIELDS CALIFORNIA

YEARS

ALL WEATHER

04 HOURS (L.S.T.)

MAY

CONDITION

WIND WIND SPEED	5.5	4.5	3.0	2.0	3.8	3.5	2.8	2.7	3.0	5.0	3.0	5.3	3.6	4.5		2.0
×	3.9	2.6	9.	1.3	6.5	7.1	0.6	1.9	0.	1.9	6.9	6.5	3.5	1.3	47.1	100.0
85 Al															X	
48 · 55															X	
41.47															X	
34 - 40															X	
28 · 33															X	
22 - 27															X	
17 - 21															X	
11 - 16															X	
7 - 10	9.	9.			0.	9.				9.		2.0	0.		X	6.9
• •	2.6	1,3			2.6		3.2			9.	5.7	2.6		1.3	X	18.1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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SPEED (KNTS) DIR.

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23244 STATION

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MEAN WIND SPEED

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SPEED (KNTS) DIR.

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WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA STATION NAME

23244 STATION

YEARS

ALL WEATHER

NOURS (L.S.T.) MAN

E ()

CONDITION

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET CAAC

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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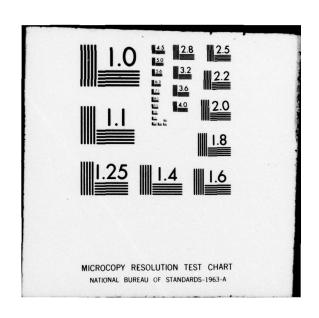
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MEAN WIND SPEED

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28 - 33

22 - 27

17 - 21

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7 - 10

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SPEED KNTS)

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WINDS

SURFACE

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELD, CALIFORNIA

73-77

ALL WEATHER

NOURS (L.S.T.)

MAY

7.4 5.1 6.5 5.3 100.0

5.2

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC









23244 states









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SSW WSW WW 1.9

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NW NAW

CALM







4.5

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22.6





5702 SURFACE WINDS JAN 78

SURFACE WINDS

11

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

13 HOURS (L.S.T.)

CONDITION

0

0

MEAN WIND SPEED	10.4	6.3				5.0	0.6			8.0		8.3	7.7	11.1	8.8	10.6			10.0
×	25.8	1.9				9.	9.			9.		1.9	7.1	5.2	7.7	47.7		9.	100.0
85 VI																		X	
48 - 55																		X	
41.4																		X	
34 - 40																		\bigvee	
28 · 33																		\bigvee	
22 - 27																		X	
17 - 21	9.															1.3		X	1.9
9 10	10.3												1.9	2.6	1.9	21.9		X	38.7
7 - 10	11.0	1.3					9.			9.		1.9	1.9	2.6	4.5	20.0		X	45.2
;	2.0					9.							2.6		1,3	3.9		X	11.0
::	1.3	9.											9.					$\langle \rangle$	2.6
CNTS)	z	NNE NNE	7	NE NE	8	383	SE	SSE	8	WS	SW	NS.A	*	WW	**	N.	1881	ALM	

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MOFFETT FIELD, CALIFORNIA STATION MANE

16 HOURS (L.S.T.)

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MEAN WIND SPEED	12.4									0.9		4.7	10.2	9.4	12.4	11.8			11.4
×	18.1									9.		1.9	10.3	0.6	12.9	47.1		0.	100.0
% AI																		\bigvee	
48 - 55																		\bigvee	
41 - 47																		\bigvee	
34 . 45																		\bigvee	
28 - 33																		\bigvee	
22 - 22																		\bigvee	
17 - 21	1.9															3.2		\bigvee	5.2
91 - 11	11.0												3.9	5.6	11.0	30.3		X	58.7
7 . 10	3.9											9.	4.5	3.9	1.9	12.3		X	27.1
:	1,3									9.		0.	1.9	1.9		1.3		X	7.7
1:3												9.		9.				X	1.3
SPEED (KNTS) DIR.	z	NN	¥	Z	•	ESE	35	SSE	s	SSW	SW	WSW	*	WWW	ž	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

5702 SURFACE WINDS JAN 78

14.0

.6

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELDS CALIFORNIA

YEARS

ALL WEATHER

CONDITION

17 - 21

11 - 16

7.10

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SPEED KNTS)

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1,3 9. 9. 11.0 23.2 14.2 100.0 12 . 55 4 41 . 47 34 - 40 28 - 33 22 - 27

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NSW WSW

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155

TOTAL NUMBER OF OBSERVATIONS

8.3

MEAN WIND SPEED

128

22 - 27

17 - 21

11 - 16

7 - 10

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SPEED (KNTS) DIR.

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

23244

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ALL WEATHER

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48 - 55										
41.4										
34 - 40										
28 - 33										
	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47	34 - 40 41 - 47

1.3

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25 SE SE

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SSW WSW

TOTAL NUMBER OF OBSERVATIONS

3.8

100.0

15.5

12.3

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3.6

12.9

41.3

29.0

1:3

2.28.27

N WW

VARBL CALM

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155

SOMS DIRNAVOCEANMET

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER

MOFFETT FIELD, CALIFORNIA

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NNE	SPEED (KNTS) DIR.	8.1	•••	7 - 10	11 . 16	17 . 21	n · n	28 - 33	34 - 40	41 - 47	48 - 55	95 AI	×	MEAN WIND SPEED
10 10 10 10 10 10 10 10	z	1:7	1.4	4.4		•							13.8	8.2
1.5 1.5 1.6 1.0	NNE	9.	1.	.7									3.0	4.9
1.6	Z	5.	•	1.									1.0	3.8
1.6			*.										1.1	2.9
1.6	3	8.	•		-								1.4	3.8
1.5 1.541 3.5 3.6 1.9 1.72 3.2 3.1 3.6 3.6 3.2 3.1 3.1 3.6 3.6 3.1 3.1 3.6 3.1 3.6 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	182	1.6	•	.2									1.9	3.2
1.9 1.7 · 2 2.0 1.2 .3 · 3 · 1 1.0 · 7 · 7 2.0 2.3 2.9 2.0 1.4 2.3 2.9 2.0 1.4 2.3 2.9 2.0 2.0 4.0 8.1 7.7 · 6 20,4 24,3 23.5 15.2 · 9	3	1.5	1.	*.									3.5	4.3
2.0 1.2 .5 .3 .1 1.0 .7 .7 .7 2.0 2.3 2.9 2.0 1.4 2.3 2.9 2.0 1.4 2.3 2.9 2.0 2.0 4.0 8.1 7.7 .6 20.4 24.3 23.5 15.2 .9	386	1.9	1.	7.									3.8	3.6
1,0 .7 .7 .7 .8 .9 .9 .9 .1 .9 .9 .1 .9 .9 .1 .9 .1 .9 .1 .9 .1 .0 .9 .1 .1 .9 .1 .9 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	8	2.0	1.										3.2	3.0
1,0	SSW	\$		•									6.	3.9
1,0 .7 .7 .9 .9 .9 .9 .9 .9 .0 .9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	SW	. 3											E.	3.0
2.0 2.3 3.5 1.0 1.4 2.3 2.9 2.0 9.0 1.4 2.3 2.9 2.0 8.6 8.6 8.6 8.6 8.6 1.5.7 .6 20.4 24.3 23.5 15.2 .9	MSM	1:0	•	.7									5.4	4.7
2.0 2.3 2.9 2.0 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.1 7.7 .6 8.6 8.6 8.6 8.6 8.6 8.1 7.7 8.6 8.6 8.6 8.6 8.6 8.6 8.1 7.7 8.6 8.6 8.6 8.6 8.6 8.1 7.7 8.6 8.6 8.6 8.6 8.6 8.1 7.7 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	*	3,1	2.	2.3	•								9.1	5.7
1,4 2,3 2,9 2,0 ,9 4,0 8,1 7,7 .6 20,4 24,3 23,5 15,2 .9	WWW	2.0	2.	3.5	-								0.6	6.7
20.4 24.3 23.5 15.2 .9	NN	1.4	2.	2.9									8.6	7.5
20.4 24.3 23.5 15.2 .9	NNN	6.	*,	8.1	7.7	••							21.2	9.5
20.4 24.3 23.5 15.2 .9	VARBL													
24,3 23.5 15.2 .9 100.0	CALM	\bigvee	X	X	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	18.7	
		20.4	24.	23.5	15.2	6.							100.0	5.8

0

MEAN WIND SPEED

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12

4.0 3.3

3.3

5.3

404

5702 SURFACE WINDS JAN 78

2.5

3.0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

NOFFETT FIELDS CALIFORNIA

23244

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ALL WEATHER

HOURS (L.S.T.)

17 - 21

11 . 16

7 - 10

1.3

SPEED (KNTS) DIR.

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0

10.7 34.0

1:3

2,0

2 2 2 2

SW

WSW * WWW

22.2

NW NAW

CALS

TOTAL NUMBER OF OBSERVATIONS

150

2.3

100.0

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TOTAL NUMBER OF OBSERVATIONS

NOURS (L.S.T.)

S I

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

23244

0

0

0

0

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ALL WEATHER

YEARS

CONDITION

SPEED (KNTS) DIR.	::	:	7 . 10	. I.	17 - 21	22 - 22	28 - 33	34 - 40	4 . 4	£ .	3	*	MEAN WIND SPEED
z	3.3	3,3										7.3	0.4
NNE	2.7											2.7	2.0
¥	1.3											1.3	2.0
ENE		.7										1.3	3.0
-	2.0					1						2.0	2.0
ESE	2.0	2.0										4.7	3.9
38	1.3	2.0										0.4	4.3
388	0.8	0.4										12.0	3.2
8	0.4	.1										4.7	2.6
SSW													
SW		Turk Time										.7	8.0
MSM		.7										1.3	3.5
*	2.7	0.4	1.									7.3	4.0
WWW	0.4	.1	.,									5.3	3.4
M	1.	3,3										0.4	4.0
NNN	.7											1.3	4.0
VARBL													
CALM	X	X	X	\bigvee	\bigvee	X	\bigvee	\bigvee	X	\bigvee	\bigvee	0.04	
	34.0	22.0	4.0									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0.40

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

07 HOURS (L.S.T.)

0

0

0

1.3	:	7 . 10	1.16	17 - 21	22 - 27	28 - 33	34 . 40	41 - 47	48 - 55	8	*	MEAN WIND SPEED
6.7	5.3										12.0	3.2
1.3											2.7	0.4
												1.0
.7											.7	2.0
2.7											3.3	2.6
3.3	1.3	.7	1.								0.9	4.6
5.3	3.5										8.7	3.4
2.0		.7									4.7	3.9
.7											1.3	3.5
. 7												2.0
1.3											1.3	3.0
6.0	2.0	.,	.,								6.9	4.2
2.7		.1									6.5	4.1
2.0		.1									3.3	3.6
3.3	2.7	.1									6.7	3.9
M	\bigvee	M	\bigvee	33.3								
39.3	22.0	0.4	1.3								100.0	2.4

SURFACE WINDS

SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER MOFFETT FIELDS CALIFORNIA

23244

0

0

0

10 HOURS (L.S.T.)

NONTH

SPEED (KNTS) DIR.	:	•	7 - 10	11 . 16	17 - 21	22 - 22	28 . 33	34 . 40	41.4	48 - 55	% Al	×	WIND SPEED
z	5.3	26.0	8.7									0.04	5.5
N.X	2.7	6.0										8.7	4.5
Z		2.7										2.7	5.3
E												.,	4.0
•	1.3											1.3	3.0
ESE													
35	.7											4.	3.0
SSE		.,										7.	0.9
		.7	.7									1.3	5.5
SSW													
SW													
WSW		.7										1.3	7.5
*		2.7	.7									3.3	5.8
WWW		1.3	.3									2.0	7.3
×	1.3	2.7	2.0	.,								6.7	6.1
NNN	0.4	15,3	4.7									24.0	5.1
VARBL													
CALM	\bigvee	6.7											
	15,3	59.3	18.0	L.								100.0	5.0

DIRNAVOCEANMET SMOS

0

150

TOTAL NUMBER OF OBSERVATIONS

10.5

25.3

WIND WIND

*

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.0

1.3

SPEED KNTS

10.0

SURFACE WINDS

-

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

MUFFETT FIELD, CALIFORNIA

73-77

YEARS

NOURS (L.S.T.)

ALL MEATHER

CONDITION

128 . 55 4 41 - 47 TOTAL NUMBER OF OBSERVATIONS

150

6.6

10000

0

7.8

8.0

1.3

10.5

-

17.3

32.7

5.3

32.0

58.0

6.6

DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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Z Z Z Z Z Z Z Z Z Z

1.3

1.3 3.3

SW WSW

0

WWW NWW NWW NWW NWW NWW

CALM



TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

4410

SURFACE WINDS

73-77 ALL WEATHER MOFFETT FIELD, CALIFORNIA

0

0

0

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0

YEARS

16 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.

Z Z Z Z Z Z Z Z Z Z Z

SSW NSW WSW

0

12.	100.0							3.3	0.99	29.3	1.3	
	•	\bigvee	\bigvee	M	\bigvee	M						
12.	52.0							1.3	38.0	12.0		
10.	6.6								4.0	5.3		
.6	5.3								2.0	3.3		
10.	6.3								2.7	2.7		
10.	1,3									1.		
												T
6	1.3									1.3		
*	•											
13.	24.7							2.0	18.7	4.0		
WIND	×	VI 85	8 . 55	41.47	34 - 46	28 - 33	22 - 27	17 - 21	11 . 16	7.10	;	1.3
-												

WNW NWW NWW CALM CALM

10.3 MEAN WIND SPEED 18.0

*

128

48 - 55

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

8.7

8.0

1.3

YEARS

73-77

MOFFETT FIELDS CALIFORNIA

ALL WEATHER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

DIRECTION AND SPEED

10.0

..

7.5 7.7 8.7

15.3

9.0

150

1

9.2

100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

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0

X X X X 2 2 5 5 5

0

SSW SW WSW

18.0

23.50

8.0

WNW NW NW VARBL

1.3

32.0

50.7

14.7

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MOFFETT FIELDS CALIFORNIA

YEARS

ALL WEATHER

CONDITION

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THE SALE	_
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2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	•	0 . 7	91.11	17 - 21	22 - 27	28 - 33	34 - 40	41.47	48 - 55	8	*	MEAN WIND SPEED
10.7 10.3 11.3 11.3 11.3 11.3 11.3	7.1										18.7	5.1
3.3 11.3 7.0 10.0 10.0 10.0 10.0 10.0	.3										10.7	4.5
11.3 7. 1.3 10.0 10.0 11.3	0.										3.3	3.6
10.9 10.0 10.0 10.0 10.0 10.0 10.0 10.0											1.3	3.5
11.3 .7 .7 .0.0 10.0 14.0 16.0	. 7							6			1.3	0.4
11.3 .7 .0.0 10.0 14.0 14.0 16.0												
11.3												
•7 •7 •0.0 10.0 14.0 16.0 11.3	6.										1.3	4.5
10.0												2.0
10.0												
10.0												
10.0 10.7 14.0 16.0 110.0	.7											4.0
10.7 : 14.0 : 14.0 : 14.0 : 16.0 : 11.3 : 1100.0 : 100.0 : 1	0.	2.0	-								10.0	4.6
14.0	. 3	•	7								10.7	3.2
11.3	8.0	1.	3								14.0	4.5
11.3	6.1	7									16.0	4.8
11.3												
10000	$\langle \rangle$	V	\bigvee	11.3								
	50.0	0.7									10000	3.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

3.0

1

0

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

E

SURFACE WINDS

73-77

MOFFETT FIELD, CALIFORNIA

ALL WEATHER

CONDITION

1:4 * 18 48 - 55

MEAN WIND SPEED

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS)

4:1

4.7

5.000 5.9 5.3 8.2 26.3 100.0 15.7

7.

1.3

1.5

16.5

22.3

25.4

19.5

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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- 2 2 3

:

SW

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WSW WWW X

NW NAW

CALM

0

SURFACE WINDS

010

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

23244

0

0

CONDITION

- 3

SPEED ENTS

0

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0

NOURS (L.S.T.)

22.034.02 3,6 3.5 2.0 2.3 MEAN WIND SPEED 1.9 5.2 100.0 1.3 3.2 27.7 * 12 48 - 55 41 - 47 34 - 40 28 - 33 22 - 27 17 - 21 11 . 16 • 7.10 0 2 2 0 0 0 25.2 1.00 3.2 4.6

0

155

TOTAL NUMBER OF OBSERVATIONS

45.2

CALM

WNW NWW NWW NWW NWW

SSW WSW

DIRNAVOCEANMET SMOS

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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MOFFETT FIELDS CALIFORNIA

73-77

04 HOURS (1.5.T.)

ALL WEATHER

1

17 - 21

1 . 16

7 - 10

4.6

1.3

MEAN WIND SPEED	3.3	3.9	2.0	3.0	2.9	3.7	3.2	3.5	2.7	3.0	1.0	2.2	2.8	3,3	4.4		1.8
*	3.9	5.8	1.3	1.9	4.5	1.9	8.4	7.1	3.9	1.3	9.	3.2	5.2	1.9	2.5	43.9	100.0
% Al																X	
48 - 55	Ī															M	
41 . 47	0															M	
34 - 46																M	
28 - 33																X	
2.2																X	

1.3

SSW NSW WSW

3.9

0

•

NW NNW VARBL

*

CALM

18,7

35.5

TOTAL NUMBER OF OBSERVATIONS

0

0

155

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

YEARS

0

0

0

STED (KNTS) PIR.	?	:	7.10	1. E	17 - 21	22 - 27	28 - 33	34 - 40	41.4	48 - 55	% Al	*	WIND WIND SPEED
z	8,8	3.2	9.									9.7	3.
NN NN	2.6	1.3		9.								4.5	4.3
N.	1.9	9.										9.2	3.6
Z	3.9	9.										4.5	2.3
	3.2	1.3										4.5	2.
181	9.	2.6										3.2	3.6
*	2.6	3.2		9.								6.9	4.
388		2.6	1.3									7.1	4.6
8	9.											9.	2.0
SSW													
SW													
WSW													
*	1.3											1.3	1.
WWW	1:9	9.										2.6	2.5
WW	9.	1.9										2.6	3.5
NNW	5.6	1.3										7.1	2.6
VARBL													
CALM	X	\bigvee	\bigvee	X	\bigvee	43.2							
	34.2	19.4	169	1.3								100.0	1.9

0

MEAN WIND SPEED

3.5

1.50 6.1

6.5

2.0

X X X - X 3 5 5

7 . 10

4.6

-:

SPEED (KNTS) DIR.

0

0

SURFACE WINDS

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 40

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

0

0

0

ALL WEATHER

CONDITION

10 HOURS (L.S.T.)

00

9.5 2.0

1.3 0.0 00000

3.5

•

4.5

WNW NWW NWW NAME

CALM

SW WSW

11.6

58.1

3

DIRNAVOCEANMET SMOS

0

0

0

0

200

155

TOTAL NUMBER OF OBSERVATIONS

4.5

5.8

27.1

10.6

34.8

MEAN WIND SPEED

22 - 27

17 - 21

11 . 16

7 . 10

4.6

- 3

14.8

16.1

3.2

SURFACE WINDS

OFO

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELD, CALIFORNIA

YEARS

ALL WEATHER

0

0

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0

0

128 . 55 4 41 . 47 34 - 40 28 - 33

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SW WSW

7.7 10.2

57.4

9.

9.22

31.0

WNW NW NNW

0

CALM

38.1

8.0

9.

TOTAL NUMBER OF OBSERVATIONS

0

155

10.1

100.0

0.

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NOURS (L.S.T.)

YEARS

73-77

MOFFETT FIELDS CALIFORNIA

0

0

0

ALL WEATHER

CONDITION

VARBL CALM TOTAL NUMBER OF OBSERVATIONS

12.7

100.0

SPEED (KNTS) DIR.	<u></u>	;	7.10	11.16	17 . 21	22.27	28 - 33	34 - 40	4.4	48 - 55	% AI	×	MEAN WIND SPEED
z			1.3	18.7	2.6							22.6	13.9
N.													
¥													
R													
•													
ESE			•									9.	8.0
35													
SSE													
8													
SSW													
SW													
WSW													
*				9.								9.	12.0
WWW			1.3	9.								1.9	10.7
NW			3.9	3.2								7.1	10.
NNW			15.5	49.0	2.6							67.1	

0

0

SMOS DIRNAVOCEANMET

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SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

0

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ALL WEATHER

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	:	;	7 . 10	5 5	17 - 21	22 - 22	28 - 33	34 - 40	41.4	48 - 55	95 41	×	MEAN WIND SPEED
z		9.	15.5	12.3								28.4	10.7
NNE			9.									9.	9.0
NE													
ENE													
•													
ESE													
*			•									9.	10.0
388													
8								,					
SSW													
SW													
WSW													
*		9.	3.2									3.9	7.8
WWW		1.3	1.3									2.6	8.9
NW			11.0	1.9								18.7	7.9
NNW		3.2	23.9	18.1								45.2	9.8
VARBL													
CALM	\bigvee	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee		0.	
		11.6	56.1	32.3								100.0	9.6

9

2.00

12.3

9.

9 00

9.

1.3

MEAN WIND SPEED

*

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

1.3

7.1

00

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 40

MOFFETT FIELDS CALIFORNIA

23244

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0

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0

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73-77

ALL WEATHER

22 HOURS (L.S.T.)

CONDITION

10.3 3.9 4.5 100.0

4.9

3.3

TOTAL NUMBER OF OBSERVATIONS

•

14.6

51.6

28.4

9.0

3.2

1.9

WSW WSW WNW WNW WNW

0

VARBL CALM

SSW

155

4.5

-

SMOS DIRNAVOCEANMET

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 20

(FROM HOURLY OBSERVATIONS)

DIRECTION AND SPEED

200

YEARS

73-77

MOFFETT FIELDS CALIFORNIA

23244

0

0

0

0

0

0

ALL WEATHER

COMBITION

MEAN WIND SPEED

3.4

2.8

2.7

3.5

3,8

3

18.1

20.2

24.1

21.0

CALM

5.9

10000

15.6

23.2 3.7 * 128 48 - 55 41 - 47 34 - 40 28 - 33 22 - 27 * 17 - 21 11.2 5.7 . --11 . 16 0.9 200 4.6 • 7 . 10 20000 3.0 4.0 500 .. NW NWW SSW WSW SPEED (KNTS) DIR. - 2 - 2 -*

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 40

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELDS CALIFORNIA

0

0

0

73-77

NOURS (L.S.T.)

AUG

ALL WEATHER

48 - 55
41 - 47
34 - 40
8

MEAN WIND SPEED	3.9	3.9	3.3	3.5	3.5	4.2	0.4	3.7	2.5	2.0		3.5	3.0	3.3	0.4	4.6			2.3
*	12.9	5.8	1.9	1.3	3.9	3.6	3.2	3.9	1.3	9.		1.3	7.1	6.9	4.5	5.5		37.4	100.0
35 Al																		X	
48 - 55																		X	
41 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		X	
22 - 27																		X	
17 . 21																		X	
91 . 15																		X	
7 . 10	9.						9.							9.				X	1.9
;	7.1	3.9	0.	0.	2.6	2.0	0.	1.9				9.	1.9	9.	3.9	3.9		X	31.0
<u>:</u>	5.2	1.9	1.3	0.	1.3	9.	1.9	1.9	1.3	9.		9.	5.5	5.2	9.	1.3		X	29.7
SPEED (KNTS) DIR.	z	W.	¥	ER	3	ESE	25	SSE	•	SSW	NS	WSW	*	WNW	¥	NNN	VARBL	CALM	

0

0

0

DIRNAVOCEANMET SMOS

0

*	5.T .)	MEAN WIND SPEED	3.5	2.3	4.0	
0	T) SUDON		0.0	6.1	9.	

SPEED (KNTS) DIR.	ę: -	:	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z	1,3	1.3										2.6	3.5
N.	1.9											1.9	2.3
¥		9.										9.	0.4
8	1,3	1.3										2.6	3.5
ESE	9.	1.3										1.9	3.7
*	3.2											8.4	
SSE	9.											3.9	3.7
s	1.9	0.										2.6	3.
SSW	3.2											3.2	2.2
SW													
WSW	9.	9.										1.3	3.0
*	7.1	2.0										4.6	3.1
WNW	3.2	1.9										5.2	3.0
WW	2.6											2.6	2.8
WNN	5.6		9.							0		3.2	3,
CALM	X	X	X	X	X	X	X	X	X	X	X	50.3	
	30,3	18.7	9.									100.0	1.6

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MUPPETT FIELDS CALIFORNIA

0

0

0

0

0

0

0

0

ALL WEATHER

CE

SURFACE WINDS

0

AUG

DIRNAVOCEANMET SMOS

8000

155

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS

OF

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELDS CALIFORNIA

ALL WEATHER

HOURS (L.S.T.)

AUG

73-77

YEARS

CONDITION

0

0

0

0

0

2.33	
	48 - 55
	41 - 47
	11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55
	28 - 33
	22 - 27
	17 . 21
	11 . 16

MEAN WIND SPEED	3.2	2.3		5.0	3.2	4.00	4.1	3.3	3.7			3.8	2.9	3.1	3.8	3.7			2.0
*	7.7	1.9		9.	6.5	5.2	5.5	2.6	4.5			2.6	4.5	5.8	2.6	7.7		45.6	100.0
8																		X	
48 - 55																		\bigvee	
41.47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17 . 21																		\bigvee	
1.16																		\bigvee	
7.10						1.3			9.				9.			9.		X	3.2
:	1.9			0.	1.9	1.9	3.2	1.3	1.3			1.3		1.9	1.9	2.0		X	20.0
:	5.8	1.9			4.5	1.9	1.9	1.3	2.6			1.3	3.9	3.9	9.	4.5		X	34:2
SPEED (KNTS) DIR.	z	N.	¥	ENE	3	ESE	25	SSE	s	SSW	SW	WSW	*	WWW	ž	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

0

0 no

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

MEAN WIND SPEED

28 - 33

22 - 27

17 - 21

11 . 16

7 . 10

4.6

1.3

SPED ENTS

6.9 1.9

1.3

5702 SURFACE WINDS JAN 78

WINDS SURFACE

050

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA

YEARS

ALL MEATHER

NOURS (L.S.T.)

CONDITION

1.9 2.6 10.3 43.9 21.9 * 18 18 48 - 55 41 . 47 34 - 40

•

•

.

Z Z Z Z - Z Z Z - Z

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6.

7.0

3.0

TOTAL NUMBER OF OBSERVATIONS

155

4.3

100.0

•

12.3

53.5

27.7

3.8

188

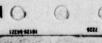
DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

















0













WSW WWW





NW NAW VARBL

CALM

2.0

14.8











NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MOFFETT FIELDS CALIFORNIA

23244 STATION

0

0

0

73-77

ALL WEATHER

13 HOURS (L.S.T.)

AUG

MEAN WIND SPEED	9.7				6.0	9.0		9.0	8.4	9.5		9.2
*	35.5				9.	9.		9.	6.9	55.5	9.	100.0
% AI											X	
8 . 55											X	
41.47											X	
34 · 40											X	
28 · 33											X	
22 - 27											X	
17 - 21	••										X	••
11 . 16	11.6								1.3	12.9	X	25.8
7 . 10	20.0					9.		9.	3.2	36.1	X	6119
•	1.3				•				1.3	5.5	X	8.4
1.3	1.3								9.	1.3	X	3.2
	H	+	+	H	+	H	+			+	+	

WWW NWW NWW NARBL

CALM

SSW

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN 78

AUG

NOURS (L.S.T.)

100

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MOFFETT PIELD, CALIFORNIA

0

0

0

0

0

ALL WEATHER

CONDITION

MEAN WIND SPEED	13.1	12.0		0.0	7.0	0.9	10.0	9.5	11.2	9.3	11.7		11.6
×	18.1	9.	T	0	9.	9.	9.	1.3	3.9	8.4	2.59	0.	100.0
8 VI												X	
48 - 55												X	
41 - 47												X	
34 - 46												X	
28 - 33												X	
2.2												X	
17 - 21	9.											X	9
11 . 16	14.8	9.	Ī						1.9	2.6	43.5	X	63.2
7 - 10	2.6			9.	9.		•	1.3	1.9	5.2	20.0	X	32.9
:						9.				9.	1.3	X	2.6
1.3											9.	X	

SPEED (KNTS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

THE RESIDENCE OF STREET STREET, STREET

0.00

19.4

5702 SURFACE WINDS JAN 78

5.0

19.4

MEAN WIND SPEED

*

12

22 - 27

17 - 21

11 - 16

7 . 10

-3

5.8

9

Z Z Z Z Z Z Z Z Z Z

0.

0.0

.6 . 0.9

9.

SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

MUFFETT FIELD, CALIFORNIA

YEARS

ALL WEATHER

TOTAL NUMBER OF OBSERVATIONS

8.5

100.0

9.

155

=

DIRNAVOCEANMET SMOS

000

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

0

SSW WSW WSW

0.6

33.5

5.8

NW NWW VARBL

1.3

*

3.9

15.5

63.9

CALM

WINDS SURFACE 9819

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELDS CALIFORNIA

73-77

ALL WEATHER

22 HOURS (L.S.T.)

AUG

0

0

0

0

0

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

- 3

SPEED (KNTS)

1.9 •

2.00

Z Z Z Z Z Z Z Z Z

3.9

8.0 MEAN WIND SPEED 3.9 1.9 9. 9. 7.1 * 128 48 - 55 41 . 47

TOTAL NUMBER OF OBSERVATIONS

155

3.9

100.0

14.8

4.8

9.7

1.3

3.2

WWW NWW VARBL

.

SW WSW 3.9

13.5

44.5

27.1

CALM

DIRNAVOCEANMET SMOS

WINDS SURFACE

E

ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

(FROM HOURLY OBSERVATIONS)

MOFFETT PIELDS CALIFORNIA

23244 STATION

0

0

73-77

ALL WEATHER

YEARS

CONDITION

17 - 21

11 - 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

0

0

0.4

2.7

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100000

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.2

S S S S

MEAN WIND SPEED	7.3	4.3	4.3	3.5	3.7	4.7	4.4	4.3	3.9	2.7	4.1	3.5	5.0	6.3	8.6		5.4
*	19.8	0.4	1.2	· 0.	2.0	1.6	2.6	1.7	1.2	9.	80	4.4	9.4	7.2	58.6	19.0	100.0
% AI																X	
48 - 55																X	
41.47																X	
34 - 40																X	
28 - 33																X	
22 - 27																X	

8.1.8

12.2

1.0

20.400

WWW NWW VARBL

SW WSW

13.1

23.7

24.5

19.4

CALM

=

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

WIND SPEED

484000000000

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

050

SURFACE WINDS

73-77

MOFFETT FIELDS CALIFORNIA

0

0

ALL WEATHER

O.1 HOURS (L.S.T.)

SEP

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*	0.9	2.7	3.3	.1	.,	2.0	2.7	6.7	4.0	1,3		1.3	7.3	4.7	3.3	4.7		48.7	100.0
% AI																		X	
48 - 55																		X	
41.47																		X	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 22																		\bigvee	
17 - 21																		\bigvee	
1 . 16																		\bigvee	
7.10							1.	.,	.7							.1		X	
•	2.7		1,3				1.3	2.7				.1	2.0	1.3	.7	2.7		X	. 41
:	3.3	2.0	2.0	L.		1.3	.,	3.3	3.3	1,3		.7	5.3	3.3	2.7	1.3		X	33.0
824	,	Z		7		35		35		W	*	NS.		3	*	*	RBL	ILM	

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 73-77 ALL WEATHER COMBITION MOFFETT FIELDS CALIFORNIA

SEP

MEAN WIND SPEED	3.0	2.0	0.4	2.3	4.0	2.5	3.6	5.6	4.0	3.0	2.0	2.0	2.5	2.7	3.4	2.0			1.4
×	2.0	2.0		2.0		1.3	3.3	4.7	3.3				7.3	6.7	4.7	2.0		57.3	100.0
8																		X	
8 . 55																		X	
41.4																		X	
34 . 46																		X	
28 - 33																		X	
n . n																		X	
17.21																		X	
9																		X	.7
7 . 10							. 7											X	
:					.7			3.3	6.2					1.3	2.7			X	12.0
:	1,3	2.0		2.0		1.3	2.7		1.3				6.7	5.3	2.0	2.0		X	29.3
SYEED (KNTS) DIE.	z	N.	¥	ENE		ESE	25	SSE	s	SSW	NS.	WSW	*	WWW	*	NNN	VARBL	CALM	

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

0

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

100

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

NOURS (L.S.T.) SEP 73-77 ALL WEATHER CONDITION MUFFETT FIELDS CALIFORNIA

0

0

0

WIND WIND SPEED	2.0	2.8	1.5		2,3	4.0	4.0	4.8	2.5			2.7	2,6	3.8	2.5	3.0			1.6
*	1.3	2.7	1.3		2.0	0.4	7.3	0.4	6.7			2.0	5.3	8.0	0.4	1,3		90.08	100.0
95 Al																		X	
8 . 55																		X	
41.4																		X	
4 . 4																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17 - 21																		\bigvee	
11 - 16																		\bigvee	.,
7 . 10						.7		.7										X	1.3
:						.7	2.7	2.0	1.3				1.3	4.0	.7	.,		X	14.7
·:-	1.3	2.0	1.3		2.0	2.7	0.4	1.3	5,3			1.3	0.4	0.4	3.3			X	33,3
KNTS) OR.	z	ZZ	N.	E E		252	*	356		SSW	SW	WSW	*	WWW	NN	NNW	VARBL	CALM	

DIRNAVOCEANMET SMOS

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

E

SEP

SURFACE WINDS

SUS		
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77	YEARS
PERCENTAGE FR DIRECTIO (FROM HOURI	CALIFORNIA	ATION NAME
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC	MOFFETT FIELDS CALIFORNIA	16
NAV		

ALL WEATHER	MOLLIGNOO

MEAN WIND SPEED	3.4	3.5	3.0	0.4	3,3	6.5	4.6	5.8	4.0	2.5	2.0	2.3	4.0	3.8	2.9	4.6			3.2
×	29.3	8.0	1.3	1.3	2.0	1.3	3.3	2.7		1.3		2.0	1,3	0.4	5.3	19.3		16.0	100.0
85 VI																		X	
8 . 55																		X	
41.4																		\bigvee	
34 - 46																		\bigvee	
28 · 33																		\bigvee	
22 - 27																		X	
17 - 21																		X	
11 - 16																		X	
7 . 10	1.3	10					1.	.7								3.3		X	7.3
:	12.0	3.3		1.3	.7		1.3	1.3	.7				. 7	2.7	1.	10.7		X	35.3
:	16.0	0.4	1.3		1.3	1.	1.3	1.		1.3		2.0	1.	1.3	4.7	5.3		X	41.3
SPEED (KNTS) DIR.	z	N.	¥	SNE	-	ESE	35	325	~	SSW	*S	WSW	*	WWW	¥	NNW	VARBL	CALM	

SURFACE WINDS JAN 78

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

13 HOURS (L.S.T.)

SEP

MEAN WIND SPEED	7.5	5.5	4.0	7.0	10.3	5.0	7.0	8.0	3.0	7.3	7.3	7.6		7.3
*	27.3	1.3	4.	1.3	2.0		2.7		7.	2.0	12.7	46.7	1.3	100.0
99 Al													X	
48 - 55													X	
41.47													X	
34 - 40													M	
28 - 33													X	
2.2													X	
17 - 21													X	
91 - 11	1.3							\prod			.,	1.3	X	4.0
7 - 10	16.7		Ī		1.3		1.3	.7		1.3	8.0	31.3	X	62.0
:	8.7		7.	.7		.7	1.3				0.4	12.7	X	29,3
:	.7	.7							.7			1.3		3.3

2000

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

SPEED (KNTS) DIR.

0

0

z z z z

0

35 25 25 2

0

0

SSW SW

WSW W

0

NW NW NAW

0

CALM

1

189

150

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

0

	SEP	MONTH	16	NOURS (L.S.T.)	
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	MOFFETT FIELD, CALIFORNIA 73-77	STATION NAME YEARS	ALL MEATHER	CLASS	COMBITION
	23244	STATION			

0

0

0

0

0

0

3

=

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

9 40

7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 \geq 56 %	3 5.3 5.3 12.7			7 1.3	1.3	1.3		1 0.7	3 3,3 1,3	0 10.7 2.7	3 29.3 24.7 .7 58.0		
\$:-	.7 1.								1.3	2.	3.3	X	

0

7.6

z z z z

0

- 2 2 2

0

SPEED (KNTS) DIR.

WIND SPEED

8.0

6.00

VARBL

CALM

WSW WWW WNW NWW

SSW

8.8

1010

150

TOTAL NUMBER OF OBSERVATIONS

6.5

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

9000

SURFACE WINDS

73-77

MOFFETT FIELD, CALIFORNIA

YEARS

ALL WEATHER

19 HOURS (L.S.T.)

SEP

0

0

0

ONDITION

*	18.0			•		1.3	2.0	2.0		0.4	6.6	23.3	35.3	2.7	100.0
35 Al				1										X	
48 - 55														X	
41 - 47														\bigvee	
34 - 40														\bigvee	
28 - 33														\bigvee	
22 - 27														\bigvee	
17 - 21														\bigvee	
11 - 16	2.0												3.3	X	5.3
7 - 10	10.0		1								2.0	8.7	18.7	X	40.7
9	4.7	.,		1		1.3	1.3	1.3		2.7	6.7	12.7	12.7	X	44.0
6.1	1.3			1	. 7					1.3	. 7	2.0		V	7.3

SEP

22 HOURS (L.S.T.)

E

SURFACE WINDS

DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0.40

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77

MOPFETT FIELDS CALIFORNIA STATES HARE

23244 FRATION

0

0

0

0

YEARS

ALL WEATHER

CONDITION

WIND	4.2	3.8	3.2	2.0	2.5	4.0	4.3	3.0	5.5	10.0	3.0	4.0	4.3	4.3		2.7
*	16.7	5.3	3.3	1.3	1.3	2.0	2.0		1.3	.1	8.0	3.3	8.7	13.3	32.0	100.0
% AI															X	
48 . 55															X	
41 - 47															X	
34 - 40															X	
28 - 33															X	
22 . 22															X	
17 . 21															X	
11 . 16															X	
7 - 10	2.7								.1	.7	.7			1.3	X	0.9
•	7.3	2.7	1.3			1.3	1.3		. 7		.7	2.7	6.1	6.7	1	13

2.0

ZZZZZ

0

- 2 2 3

1.3

SPEED (KNTS) DIR.

150

TOTAL NUMBER OF OBSERVATIONS

30.7

200

VARBL

CALM

NW WW

6.1

SSW WSW

1

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

HOURS (L.S.T.)

SEP

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

WEAN WIND SPEED	5.9	3.4	3.1	2.6	3.3	4.2	5.0	5.0	4.2	4.4	0.4	2.8	3.0	4.7	0.9	7.8		4.3
*	14.2	2.8	1.2		1.0	1.0	3.0	2.8	2.7	9.	. 2	2.	4.4	5.5	4.4	55.6	26.5	100.0
% Al																	X	
48 . 55																	X	
41 . 47																	X	
34 - 40																	X	
28 - 33																	X	
22 - 27																	X	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC





MOFFETT FIELDS CALIFORNIA















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SW WSW

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NW NW NW

3.4.2

3.4.6

3.7.0

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5.6

21.7



CALM







2.5

5.5

2.6

2.000

1.3

NNW VARBL

CALM

6.5

23.9

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

23244 STATION

0

28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED KNTS)

0

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WIND SPEED

3.2 1.3 2000 1.9 65.2 100.0 128 48 - 55 41 . 47 34 - 40

9.

1.3

SSW

SK

8

* WNW

WSW

0

TOTAL NUMBER OF OBSERVATIONS

155

1,2

0

DIRNAVOCEANMET SMOS

0

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

MOPFETT FIELD, CALIFORNIA

YEARS

MEATHER

04 HOURS (L.S.T.)

MEAN WIND SPEED		5.0		2.0	2.0	0.9	5.9	4.3	2.5		2.0	3.7	2.2	3.4	3.3				
×		9.		1.3	9.	2.6	4.5	4.8	1.3		1.9	1.9	7.7	5.2	1.9			61.9	000.
≥ 56																		X	
48 . 55																		X	
41 - 47																		X	
34 - 40																		\bigvee	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
11 . 16							9.	•										X	
7.10						1.3	••	90										X	,
:		0.				9.	1.3	1.9				9.	1.3	2.6	9.			X	0
1:3				1.3	9.	9.	1.9	5.2	1.3		1.9	1.3	6.5	2.6	1.3			X	3 76
SPEED (KNTS) DIR.	z	NNE	N.	EN EN		ESE	35	SSE	8	SSW	SW	WSW	*	WWW	×	NNW	VARBL	CALM	

0

0

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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2.5

3.9

4.5

5.4

7.1

9

58.7

2.5

1.3

3.1

3.9

250

MEAN WIND SPEED

12

. 55 4

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

-3

SPEED (KNTS) DIR.

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PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MUFFETT FIELD, CALIFORNIA

10

SURFACE WINDS

WEATHER CLASS

ALL

07 HOURS (L.S.T.)

UCT THOM

CONDITION

TOTAL NUMBER OF OBSERVATIONS

155

10000

DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SW WSW

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NAW NAW VARBL

CALM

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WINDS

SURFACE

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

NOURS (L.S.T.)

DC T

CONDITION

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7.10

9.4

1.3

SPEED (KNTS) DIR.

1:0

3.2

2.5 2.0 3.0 4.0 MEAN WIND SPEED 3.9 1.3 3.9 .6 16.8 26.5 * 12 48 - 55 41 . 47

TOTAL NUMBER OF OBSERVATIONS

155

3.3

100.0

DIRNAVOCEANMET SMOS

23244

MOFFETT FIELD, CALIFORNIA

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0

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Z Z Z Z Z Z Z Z Z Z

9. 00

SSW SW

1:0

1.3

3.5

9.0

WNW NW NW NW NARBL

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3.9

6.5

31.0

CALM

0

WIND SPEED

22 - 27

17 - 21

11 . 16

7.10

4.6

- 3

SPEED (KNTS) DIR.

11.0

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155

5.9

1

WINDS

SURFACE

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

MOFFETT FIELDS CALIFORNIA

0

0

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0

73-77

WEATHER

13 HOURS (L.S.T.)

YEARS

1.3 7.7 33.5 9. 1.9 1.9 32.9 3.9 9. 6.3 100.0 128 48 - 55 41 - 47 34 - 40 28 - 33

9.

1.3

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- 22 22 25 -

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12.9 9.

4.5

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8.4

28.4

43.9

12.9

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CALM

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12.0

0.9

5.9

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

23244

0.

0

0

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0

73-77 ALL WEATHER MOFFETT FIELDS CALIFORNIA

CONDITION

NOURS (L.S.T.)

UCT HOME

MEAN WIND SPEED	8.9	5.5	4	200	10.01	9.3	5.0	8.0	10.5	7.7	6.9	8.7		8.1
*	13.5	1.3	4		9.	4.8	9.	9.	2.6	3.9	17.4	51.6	5.6	100.0
8													X	
48 - 55													X	
4.4													X	
*													X	
28 - 33													X	
n . n													X	
17 . 21													X	
11 . 16	3.9					1.3			1.3	•	9.	10.3	X	18.1
7 . 10	5.8	9.		1	•	1.9		0.	1.3	1.3	0.6	29.7	X	\$1.0
•	3.9			0.		1.3	0.			1.3	7.1	11.0	X	25.8
• :-		9.		1	Ī					•	9.	9.	X	2.6

CALM

0

DIRNAVOCEANMET SMOS

0

4

5702 SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

MOFFETT

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100	момти	19	HOURS (L.S.T.)	
	YEARS			
73-77		ALL MEATHER	CLASS	CONDITION
FIELDS CALIFORNIA	STATION NAME			

MEAN WIND SPEED	5.9		3.0		2.0	0.6	0.9	0.6	9.2		3.0	2.0	8.4	3.4	4.3	5.9			4.6
×	18.1		1.3		9.	9.	9.	2.6	3,2		9.	9.	6.5	17.4	13.5	22.6		11.0	100.0
% Al																		X	
48 - 55																		X	
41.47																		X	
34 . 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21								9.	9.									X	1.3
11 . 16													••			9.		X	1.3
7 - 10	8 . 4					0.		•	1.9					1.3	1.3	7.1		X	21.3
• •	7.7		••				9.	9.	9.				3.2	5.6	4.8	10.3		X	38.1
:	1.9		9.		9.			9.			9.	9.	2.6	10.3	3.9	4.5		$\langle \rangle$	26.5
SPEED (KNTS) DIR.	z	NN	NE NE	Z.	3	ESE	35	SSE	•	SSW	NS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

===

155

DIRNAVOCEANMET SMOS

0

SURFACE WINDS JAN 78

SURFACE WINDS

=

22 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS 73-77 MOFFETT FIELD, CALIFORNIA

23244

0

0

0

0

ALL WEATHER

MEAN WIND SPEED	3.4	3.6	0.9	2.7	3.0	5.0	4.3	1.1	5.0	1.0		3.0	2.7	3.5	3.0	3.5			2.0
×	3.2	5.2	1.3	1.0	9.	2.6	2.6	2.00	5.8	9.		1.3	5.8	7.7	1.9	5.2		48.4	100.0
85 Al																		X	
8 . 55																		X	
4.0																		X	
34 - 40																		\bigvee	
28 · 33																		X	
n · n																		X	
17 - 21																		X	
11 . 16						9.		1.9										X	2.6
7 . 10	••		9.				9.	9.						1.3				X	3.9
*:	0.	1.9	9.	9.		9.	9.	1.9	9.			9.	1.3	1.9	9.	1.9		X	14.2
:	1.9	3.2		1.3	9.	1.3	1.3	1.3	5.5	9.		9.	4.5	4.5	1.3	3.2		X	31,0
	,	7	le a	TE TE	-	**	-	*		*	*	W	,	*	*	3	RBL	3	

0

155

TOTAL NUMBER OF OBSERVATIONS

5.1 MEAN WIND SPEED

20

48 - 55

41 . 47

5702 SURFACE WINDS JAN 78

2.2

SURFACE WINDS

1

PERCENTAGE FREQUENCY OF 'WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELD, CALIFORNIA

0

0

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73-77

ALL WEATHER

HOURS (L.S.T.)

11 . 16

7 - 10

- 3

SPEED (KNTS) DIR.

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0

3.5

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25 25 20 S

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3.3

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1004

TOTAL NUMBER OF OBSERVATIONS

1240

3.5

100.0

4.8

15.2

22.4

22.3

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0

46.60

1.5 4.0

NW NW NAW

0

CALM

0

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SW WSW

35.2

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DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

0

SURFACE WINDS

050

NOURS (L.S.T.)

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 MUFFETT FIELDS CALIFORNIA

ALL MEATHER

CONDITION

0

0

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0

MEAN WIND SPEED	2.7			3.0	7.5	5.8	7.3	4.9	3.0	1.5	2.5	3.7	2.3	3.7	3.8			2.0
*	2.0				2.7	3.3	4.7	0.9	1.3	1.3	5.3	6.1	5.3	0.4	2.7		54.0	100.0
8																	X	
48 · 55																	X	
41.4																	X	
4 . 4																	X	
28 . 33																	X	
22 - 27																	X	
17 . 21						.7	.1										X	1.3
11 . 16					.7		.1	1.3									X	2.7
7 . 10					.7		.7	.1				.7		.7			X	3.3
•							1.3	2.7	.1		1,3	1.3		1.3	1.3		X	12.0
::	2.0				۲.	2.0	1.3	1.3	.7	1.3	4.0	4.7	4.7	2.0	1,3		X	26.7
SPEED (KNTS) DIR.	z	NN	32		ESE	SE	SSE	8	SSW	NS.	wsw	*	WWW	MM	MMM	VARBL	CALM	

DIRNAVOCEANMET SMOS

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1.3

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2.7

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WWW

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SW

WSW

NW VARBL

CALM

2.0

S S S S

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150

2.0

100.0

2.7

2.7

13.3

26.7

3

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SURFACE WINDS

050

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 40

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

YEARS

MOFFETT FIELD, CALIFORNIA

23244

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73-77

CONDITION

NOURS (L.S.T.)

NO. MONTH

3.5 MEAN WIND SPEED 1.3 * 128

48 - 55

41 . 47

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED KNTS)

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1.3 6.0 12.0 54.0 2.0 1.3 6.7

3.0

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MEAN WIND SPEED

34 - 40

28 - 33

22 . 27

17 - 21

11 - 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

2.2

DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

73-77

YEARS

MOFFETT FIELD, CALIFORNIA

ALL WEATHER

HOURS (L.S.T.)

NON

CONDITION

2.0 * 128 48 - 55 41 - 47

2.0 1.3 100.0 48.7

00

3.0

2.9

5.8

3.2

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

23244 STATION

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1.3

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2.00

2.3

22 22 23

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SSW WSW WSW

1.3 2.0

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NA W

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VARBL

CALM

2.7

0.0

12.7

29.3

5.2

3.3

16.7

MEAN WIND SPEED

12

. 55 4

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS)

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1.3

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2.0 6.0 6.0 5.3

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA

23244 STATION

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YEARS

NON

10 HOURS (1.5.T.)

ALL WEATHER

CONDITION

TOTAL NUMBER OF OBSERVATIONS

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7.3

10.0

22.7

34.0

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3.3

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3.00

WW

NN. VARBL CALM

WSW WSW

SSW

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25.3

150

DIRNAVOCEANMET SMOS

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150

TOTAL NUMBER OF OBSERVATIONS

NOURS (L.S.T.)

NON

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

200

SURFACE WINDS

73-77

MOFFETT FIELDS CALIFORNIA

ALL WEATHER

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17 - 21 22 - 27
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1.3

DIRNAVOCEANMET SMOS

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SS SS WSW

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WNW NWW





CALM







5702 SURFACE WINDS JAN 78

14.0

8.7

MEAN WIND SPEED

20

48 . 55

41 . 47

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

Z Z Z Z

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2.0

1.3

1.3

2 2 2

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SSW WSW WSW

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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MOFFETT FIELDS CALIFORNIA

23244 station

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ALL WEATHER

73-77

NOURS (L.S.T.)

NON

6.9

12.7

TOTAL NUMBER OF OBSERVATIONS

150

6.3

100.0

10.0

33.3

34.7

18.0

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CALM

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10.0

13.70

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NW NWW

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1.3

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4.0

150

3.0

NON

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WINDS

SURFACE

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

MOFFETT FIELDS CALIFORNIA

YEARS

ALL WEATHER

CONDITION

22 - 27

17 - 21

11 . 16

7 - 10

9.4

1.3

SPEED (KNTS)

1.3

19 HOURS (L.S.T.)

MEAN WIND SPEED

10.00 2.0 39.3 100.0 . 4.1 * 128 48 . 55 . 47 = 34 - 40 28 - 33

1.3

2.0 1.3

4.7 1.3

4:3

2.0

WNW NW NW NARBL

TOTAL NUMBER OF OBSERVATIONS

4.0

12.7

18.7

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC









23244













- 32 22 25







SW WSW







CALM







PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

0

73-77

22 HOURS (L.S.T.)

NOV

ALL WEATHER

0

0

MEAN WIND SPEED	4.0			2.0	7.0	0.9	7.1	4.6	2.4			3.0	4.4	7.0	4.8	5.0			2.5
*					4.	4.	0.8	8.0	4.7			2.0	6.6	0.9	5.3	2.7		51.3	100.0
99 Al																		X	
48 - 55																		X	
9 . 14																		\bigvee	
34 . 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17 - 21																		X	
11 . 16							2.7											X	3.3
7 . 10					1.			1.3					1.3	3.3	1.3	1.3		X	10.0
;	7.						2.7	2.0				.7	0.4	2.0	2.0			X	16.0
:							2.0	4.0	4.0			1.3	0.4		2.0	.7		X	19.3
SPEED (KNTS) DIR.	z	N.	¥	Z	•	ESE	*	325	s	SSW	SW	WSW	*	WWW	¥	NNN	VARBL	CALM	

-

150

TOTAL NUMBER OF OBSERVATIONS

5.27.44.4.1.8

2838

MEAN WIND SPEED

28 - 33

22 - 27

17 - 21

11 . 16

7.10

4.6

-:3

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

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NO. MONTH

SURFACE WINDS

73-77 ALL WEATHER

MOFFETT FIELDS CALIFORNIA

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1.2 0.0 8.1

SSW

WSW WSW

*

2.3

NW NW

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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73-77

MUFFETT FIELDS CALIFORNIA

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YEARS

HOURS (L.S.T.)

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WEATHER

CONDITION

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TOTAL NUMBER OF OFCERVATIONS

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DIRNAVOCEANMET SMOS

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5702 SURFACE WINDS JAN 78

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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HOURS (L.S.T.)

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WINDS

SURFACE

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELDS CALIFORNIA

ALL WEATHER

DIRECTION AND SPEED

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS)

ALL MEATHER CONDITION MOFFETT FIELDS CALIFORNIA

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73-77

07 HOURS (L.S.T.)

4.6 7.10	91 . 11	17 . 21	22 - 27	28 · 33	3 6	41.0	48 - 55	8	*	WIND SPEED
-	9. 6.								2.6	8.8
-									1.3	0.6
0.									9.	4.0
9.									9.	3.0
1.9	9.								5.2	4.0
1.3	6. E.								5.0	5.4
	1.9								5.2	7.3
1.9	9.								2.6	7.8
9.									9.	1.0
9,									9.	1.0
5,8 1,3									7.1	3.1
6 1.9									3.9	5.0
6 1.3	1.3								3.2	7.6
1.3	9.								1.9	8.3
X	$\langle \rangle$	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	58.7	
16.1 12.9 6.	8.5 5.8								100.0	2.3

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC (FROM HOURLY OBSERVATIONS)

73-77

MOFFETT FIELD, CALIFORNIA

ALL WEATHER

CONDITION

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DIRECTION AND SPEED

5702 SURFACE WINDS JAN 78

78

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155

TOTAL NUMBER OF OBSERVATIONS

5.8 3.0 4.0 2.9 MEAN WIND SPEED 3.2 3.2 2.6 1.3 41.9 100.0 * 128 . 55 4 41 . 47 34 - 40 28 - 33 22 - 27 . 6 17 - 21 9. 0.0 3.5 9. . 11 . 16 6.1 60. 1.3 9.2 13.5 1.3 1.3 7 . 10 3.2 20000 18.1 4.0 22.6 1.3

NW NW NAW

CALM

SSW WSW

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SPEED (KNTS)

SURFACE WINDS JAN 78 5702

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELDS CALIFORNIA

73-77

ALL WEATHER

13 HOURS (L.S.T.)

7 . 10 11 . 16
4.5 1.3
1.3
.6 1.3
1.9 1.3 .6
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36.8 17.4 7.1 1.3

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155

TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELDS CALIFORNIA

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PEATHER

16 HOURS (L.S.T.)

MEAN WIND SPEED	4.5	3.3	0.4		2.0		10.2	10.7	7.3		3.5	7.0	3.4	7.1	5.6	4.8			4.8
*	18.7	2.6	1.9		9.		5.8	1.9	1.9		1,3	9.	3.8	7.1	15.5	27.1		9*11	100.0
8																		X	
8 . 55																		X	
41.4																		X	
34 - 46																		X	
28 - 33																		X	
2.2																		X	
17.21			0				9.											X	4
91 . 16	9.						1.3	9.						2.6	1.3			X	6.8
7 . 10	1.9						3.2	1.3	9.			9.		•	3.2	4.5		X	1.41
;	7.7	9.	0.				0.		1.3		0.		1.9	1.3	7.7	17.4		X	40.0
::	9.4	1.9	1.3		9.						9.		1.3	2.6	3.2	5.5		X	28.2
SPEED (KNTS) DIE.	z	NN.	Z	Z.		ESE	*	38		SSW	NS.	WSW	*	WWW	×	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN 78 4.0

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

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SURFACE WINDS

73-77

MOFFETT FIELD, CALIFORNIA

23244

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ALL WEATHER

YEARS

NOURS (LS.T.)

DEC

MDITION	

WIND WIND SPEED	2.8	4.0	4.5	9.5	11.2	11.2	6.3	2.0	2,3	2.0	4.3	3.7	3.6	4.9			2.5
×	5.2	9.	1.3	1.3	3.2	3.2	5.6	9.	1.9	9.	11.6	5.8	5.2	7.1	4.07		100.0
95 Al																	
48 - 55																	
41.4																	
34 - 46																	
28 - 33																X	
22 - 27																X	
17 - 21						9.											9.
11 - 16				•	1.3	1.3	9.				9.					X	4.5
7 . 10				9.	1.9	•	9.				9.	9.		2.6		X	7.7
• • •	1.3	9.	9.						9.		5.2	1.9	3.6	1.9	1	X	15.5
	3.9		9.			0.	1.3	9.	1.3	9.	5.2	3.2	1.9	5.6	1		21.9

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SPEED (KNTS) DIR.

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DIRECTION AND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MOFFETT FIELDS CALIFORNIA

23244 STATION

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ALL WEATHER

22 HOURS (L.S.T.)

DEC

CONDITION

11 . 16

7 - 10

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SPEED (KNTS) DIR.

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0 0 0 0 0 4 3.5 4.0 3.1 1.7 WIND SPEED .6 9. 5 3 3 2.0 1.9 1.3 * 12 48 - 55 41 - 47 34 - 40 28 . 33 22 - 27 • • . 17 - 21

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TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

MOFFETT FIELD, CALIFORNIA

73-77

WEATHER CLASS

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YEARS

HOURS (LS.T.)

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MEAN WIND SPEED	5.1	4.9	4.4	3.7	3,3	5.7	4.9	7.1	6.3	2.1	5.6	3.4	3.6	5.0	5.8	5.5			3.1
*	9.1	1.5	.,	2.	1.2	2.8	5.6	4.4	2.6	8.	9.	•	0.9	2.0	5.5	10.5		42.7	100.0
95 Al																		X	
48 - 55																		X	
41 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		X	
22 - 22	.1								1.									X	.2
17 - 21	.1						**	2.	1.					.1		1.		X	1.0
1 . 16	.5					.2	1.0	1.0	.3				•1	.5	.7	.5		X	4.8
7 . 10	1.3	.5	• 1	1.	•1	*	1.8		.3			.1	• 5	9.	1.1	1.9		X	10.0
:	3.8	4.	4.		4.	. 8	9.	.7	9.	1.	.2	.2	1.9	1.5	2.3	4.9		X	19,0
<u>:-</u>	3.4	9.	• 2	.2	.7	1.0	1.5	1.8	1.1	.7	4.	9.	3.5	2.2	1.4	3.1		\bigvee	\$5.4
SPEED (KNTS) DIR.	z	NNE	WZ.	ENE		ESE	SE	SSE	s	SSW	SW	WSW	>	WWW	NW	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

1240

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 MOFFETT FIELDS CALIFORNIA

WEATHER

0

CONDITION

1.3

SPEED (KNTS) DIR.

Z Z Z Z Z

2 2 2

WEAN WIND SPEED	6.8	4.5	3.9	2.9	3.4	6.4	5.9	5.6	5.0	4.3	3.9	4.6	4.5	9.6	9.9	8.1		4.7
*	13.2	2.9	1.0		1.4	2.2	4.3	4.7	3,3		• 5	1.4	9.9	6.8	7.1	18.2	25.0	100.0
% Al																		
8 . 55																	X	
41.47																		
34 - 46																	X	
28 - 33																	X	
22 - 27	0.								0.					0.		0.	X	0.
17.21	1.	0.					7.	7.	0.				0.	0.	0.	.2	X	9.
91 . 11	2.1	7.	0.		•	7.	4.		.3	1.	0.	0.	.3	9.	0.	4.3	X	6.6
7 . 10	3.5	.3	7.	0.	7.	4.	1.0		9.	1.	.1	.3	1.0	1.6	2.2	9.9	X	18.9
:	4.8	1.3		2.	.5		1.4	1.6	30.	7.	.2		2.0	2.0	2.5	9.4	X	23.5
	-	_	_	_		_						_	_					

NW NNN

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TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

MUFFETT FIELDS CALIFORNIA

73-77

YEARS

HOURS (LS.T.)

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SURFACE WINDS

INSTRUMENT

AND/UR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT DR MORE CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

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MEAN WIND SPEED	4.2	3.7	3.7	2,6	2.7	3.9	4.5	8.4	2.8	2.4	2.0	3.0	2.5	3.0	3.5	4.2			2.3
×	16.2	5.9	2.3	1.7	3.3	3.5	4.1	2.1	8.	4.	3.	.3	0.4	3.9	4.3	9.5		37.6	100.0
8																		X	
48 - 55																		X	
41.4																			
4 . 4																			
28 · 33																		X	
22 - 27																		X	
17 - 21																		X	
11 - 16	.3		7.			7.	*.	.2								1.		X	1.1
7 - 10	2.1	**	1.			.3	**							7.	4.	1.1		X	5.1
• •	6.9	2.4	. 8	*.	.7	1.2	1.1	••	.3	.1	1.	7.	0.	1.2	1.5	4.4		X	34.2 22.1
:	7.4	3,1	1.3	1.2	2.6	1.9	2.2	1:1	. 5	4.	4.	.2	3.4	2.6	2.4	3.6		X	34.2
SPEED (KNTS) DIR.	z	NNE	N.	Z		ESE	35	SSE	s	SSW	NS.	WSW	*	WWW	N	NNN	VARBL	CALM	

NWSD, Federal Building Asheville, N. C.

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PART D

CEILING VERSUS VISIBILITY

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- 1. Annual all years and all hours combined
- By month all years and all hours combined
 - By month by standard 3-hour groups

station was meeting or exceeding any given set of minima may be determined from the figure at the intersection ferring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visi-Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of bility. The totals progress to the right and downward. Ceiling may be determined independently by reon pages 2 and 3 below. U. S. Weather Bureau and Mavy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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	O AI	3	95.6	A A			98.1		100.0
	7.	()							
	≥ 5/16		100	96					
	% <		\$1 01	ant the		1,70			C. Taken
	% ~		Pre- to	0.00		\$17.7°		0477	10 T 10 JUS
	% Al					1 10		10 gg	
ES)	7						7.76	10 B 270	98.3
VISIBILITY (STATUTE MILES)	%1≥	1		3 (3)					N THE
BILITY (ST.	×1×								
VISI	2 2								6.96
	2 2 1/4	7(200						100
	N N	7	0.19						7.56
	1			1 Sec.					
	8	75							
	9 1	7	3.	73 0					
	01 ×	3	100						
CEILING	(FECT)	NO CEILING	≥ 1800 ≥ 1500	N N 1200	% % % %	N N 8 8 8	N N 80	N N	8 °

Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet < 3 miles, subtract the value read from the table at the intersection, which is 91.0, and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

subtracted from 97.4 read from the table at the intersection of > 500 feet with > 3 miles, is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles,

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data. NOTE: # 1:

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below: NOTE: # 2:

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CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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MUFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NAP

01 HOURS (1.5.T.)

EILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(S)						
(FEET)	2 1	o Al	s Al	4 11	E AI	Y 2%	122	¥1 ¥1	VI VI	-	N NI	*	Z AI	2 5/16	AI AI	٨١
CEILING	29.7		58.7	62.6	65.8	70.3	70.3	65.8	70.3	70.3	65.8	70.3	65.8	70.3	70.3	70.3
00081	29.7	53.6	:-		70.3	0	0			70.3				70.3	70.3	70.3
14000	1.67		6119	66.5			0				11.0				11.0	71.0
12000	30.3		95.9	67.1				•	71.6	•		71.6				71.6
0006	31.0		63.5	70.0	74.8	7.00	74.8	10.0		74.8	74.8	74.80	74.00	74.8	74.8	74.8
9000	31.6		65.8	73.3	75.5	75.5		75.5	75.5	75.5	75.5	76.8	75.5	75.5	76.8	76.8
9009	32.3		67.7		:		5	:	1	:	:	=	-	1	-	
2000	34.2	63.2	72.9		82.0	•				100	83.2	83.2			83.2	83.2
900	34.2		76.1	81.3	85.8	85.6	90	86.5						86.5	86.5	86.5
3000	34.2		80.7	85.6	87.1	87.1		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2500	35.5		-		-		. 2	2	2	N.	N	2.	2	2	N	92.3
1800	36.1	74.5	-		u w	9 60		94.5			2.46				: :	94.2
1500	36.1		86.5	90.3			25.5	99.9	96.8	5	96.8	96.8	96.8	00	96.8	96.8
200	36.1		87.7	92.9		97.4			98.1		*	98.1		8		
88	36.1	78.1	87.7	92.9	97.4	97.4	98.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
88	36.1	78.1	87.7	93.6	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
88	36.1	78.1	87.7	93.6	98.1	98.1	98.7	99.4	4.66	99.4	98.1	99.4	99.4	99.4	99.4	99.4
88	36.1	78.1	87.7	93.6	98.1	98.7	0000	100.00	00.00	000	00.001	00.00	0000	100.00	00.00	0000
80	36.1	78.1	87.7	93.6	98.1	98.7	100.001	100.00	100.00	00.00	100.0	100.00	100.0	100.0	00.00	0000

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVIL.E, NC

MOFFETT FIELD, CALIFORNIA

73-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17.

DAN HONTH OG

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES	£S)						
	2 1	9 Al	8 4	4	E AI	≥ 2%	7	۲۱ ۲۱	¥1 Y	- 1	% Al	* 1	× Al	≥ 5/16	NI NI	0 11
NO CEILING	25.8		:	54.2		20	8						8			58.1
≥ 20000			:		-	2				5.		2	5.	5	5.	62.6
- 1 mm			:		-		2.			2.			2.	•		62.6
N 16000			:	56.1	:	2.	2.			2.	•		2.	2.		65.6
			:	58.1	-		2.			2			2	2		62.6
> 12000			:	58.1	-	~	5			2			2.	2		
		-		0			5			5			0	5		65.2
0006		2.	59.4	61.9	5		.9			.9		•		9		66.5
		3	:		:		8.			8						68.4
7000		53.6	:	64.3	4.84	6		0.69				0.69		0.69		
86.2		3	-		8	6	6			6			6			
9005			-				5			5			5	2		75.5
		-	-	2.	•	9	9			9			9	9		76.8
1 4000		3	-	;	8	8	. 8									78.7
		3.	:	9	0	0	0			•			0			80.7
3000			:		:	2	2.			3			2	2		82.6
136.1		8	:	0	3		5			3			2	2:		85.2
7 2000		:	19.4	•	;	:	1.			-			1.			87.7
		2	:		-	80	6			6						
1500		;	-		0		-						-	-		
				87.1	-	-	2.			2			2	2		92.3
1000		74.8		87.7	:	2.	3			2			3	2		
		74.8	3	1.	-	2	2			2.			2	2		65.6
008			-		95.9				84.5	94.2	94.5		2.46		84.5	
			:		2	3	*	94.2		•			:			34.5
9		76.1	:	89.7	3	*	*	;				8 . 46	;			94.8
		76.1	:	89.7	3	4	. 4	95.5		3		•	2	5.		95.5
N 400		76.1	:		3.		. 4	3		3		2.	2	95.5		
		76.1	•	91.0			1.	98.1		98.1	1.86	1.86	3			98.1
1 200	33.6	76.1	84.5	-		96.8	97.4				98.1	98.1	1.86		•	98.7
N N		76.1	84.5	91.0	•			98.1	98.1	98.1	98.1	98.1	98.1	1.86	98.7	
	•		:	-		0	-						1006		98.7	000

0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

(FROM HOURLY OBSERVATIONS)

0

0

(3)

0

PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS (L S.T.) ZAN MONTH 07

61.9 61.9 80.7 80.7 87.1 87.1 ٨١ 60.0 61.3 61. 89.7 89. 88.4 6.76 74.8 76.1 90.3 2.46 85.8 19.4 71.6 73.6 83.2 88.4 89.0 91.0 74.8 85.2 87.1 65.6 0.69 91.6 91.6 64.5 60.7 71.6 71.6 60.0 60.0 83.2 89.0 0116 04.2 85.2 83.2 9116 67.1 13.6 19.4 85.8 85.8 87.1 0.16 59.4 64.5 74.8 85.2 2.46 92.9 92.9 * 19.4 0.16 71.6 91.6 73.0 87.1 85.2 0.69 0.09 0.09 64.5 60.1 59.4 0.69 71.6 83.2 87.1 89.0 85.8 88.4 88.4 91.6 73.6 79.4 79.4 79.4 64.5 85.2 91.0 94.2 74.8 74.8 74.8 76.1 94.2 60.7 VISIBILITY (STATUTE MILES) 71.6 71.6 0.68 91.0 83.2 73.6 85.2 87.1 90.3 67.7 91.6 93.6 93.6 60.7 64.5 85.8 89.0 87.1 81.9 83.2 0.16 85.8 86.5 88.4 72.3 73.6 73.6 83.9 89.0 0.68 64.5 0.09 72.3 88.4 85.2 87.1 63.2 70.3 84.5 60.7 82.6 65.2 66.5 0.69 85.2 83.9 84.5 83.2 86.5 80.1 72.3 73.6 84.5 0.69 61.9 65.2 76.8 82.6 83.9 85.2 89.0 89.0 \$0.3 58.7 82.6 85.8 80.7 86.5 80.0 9.29 74.2 59.4 29.0 56.8 63.9 68.4 61.9 55.5 71.0 72.3 78.1 84.5 69.7 80.7 81.3 83.2 83.2 84.5 84.5 66.5 4 27.7 51.6 58.1 6 27.7 52.9 59.4 6 28.4 54.8 61.9 6 52.3 56.1 58.1 76.1 76.8 78.1 52.3 74.8 52.3 29.0 57.4 64.5 74.2 78.1 61.3 0.69 31.6 64.5 32.3 69.0 29.0 58.7 32.3 66.5 32.3 67.1 ۰ ۱۸ 30.3 32.3 32.3 NO CEILING ≥ 20000 VI VI 00091 00091 Y 14000 88 80 (FEET) 9000 200 9000 4500 3000 2000 905 88 88 88 88 AI AI MAI 41 41 AI AI 11 11

TOTAL NUMBER OF OBSERVATIONS

155

-

CEILING VERSUS VISIBILITY JAN 7

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (L.S.T.) JAN

TOTAL NUMBER OF OBSERVATIONS

155

0

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

13

|--|

73-77

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

210 2 6 2 5 2 4 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 2 2 2 2	CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
CRILING 18.7 44.8 52.3 58.1 65.2 67.7 69.7 69.7 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70	(FEET)		100000	AL	4												
18000 18 1 44 5 52 2 55 1 65 2 67 7 69 7 69 7 70 3 70 3 70 3 70 3 70 3 70 3 70 3 7	NO CEILING	20 00		2 0	400	00	4.	64.3	69.7	50	50	70.3	. 0	60	00		0 0
1900 19 4 45.8 53.6 53.6 69.4 66.5 69.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71	00091 71	00 00		22		200		69.7			00	70.3			00		10.3
23.2 51.0 59.4 65.2 72.9 76.1 78.1 78.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76				m m	666	000	000					71.0					22.5
25.9 52.3 60.7 66.5 74.2 77.4 80.7 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3	100 22 20 20			-0												76.1	96
24.5 55.8 65.8 73.9 63.7 77.4 60.7 52.0 82.0 83.2 83.2 83.2 83.2 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5				0	:::		- x0	000		0:		0-				80.0	80.0
25.2 61.9 71.0 77.4 85.2 88.4 90.3 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0				9 4 10		- 000	0 m	2 50 50		2	. 4 10	9 4 10		1 + 10		. + 5	
25.8 65.8 76.1 82.6 90.3 93.6 95.5 95.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96				0-4	200	000	80	000	000	0-1	0- 4	0- 5	6-1	0-0	91.	0-1	91.0
25.8 66.5 78.1 85.8 93.6 96.8 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99				200	2014	OON	300	יה הי	ייהי	96.1			000	000	96.		96.
25.8 66.5 78.1 85.8 93.6 96.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99				- 00 00	* * *	200	000	- 00 0	- 20 20	99.4	000	000	800				99.
25.8 66.5 78.1 85.8 93.6 96.8 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99		2000				m m m			98.7	49.4	000	000			000		99.
100 25.8 66.5 78.1 85.8 93.6 96.8 98.7 98.7 99.4100.0100.0100.0100.0100.0100.0100.01		0000						9 6 8 9 9 9 9	986.7	2000	0000	0000			99		600
		200			200			98.7	98.7		00	00	00	100.0	00	00	000

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

MOFFETT FIELD, CALIFORNIA

0 0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1.5.7.) NAN

=

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2 1	o Al	8 11	AI AI	e Al	> 2%	2 1	YI %	¥1 YI	-	% Al	*	Z AI	≥ 5/16	N N	0 11
NO CEILING		47.1		0.09	6113	610	9.29	9.29	62.6	95.0	62.6	9.29	9.29	62.6	62.6	62.6
≥ 2000€		52.3		63.4		11.0	71.6	71.6	-	71.6	11.0	-	-	11.6	13.6	71.6
		52.3		68.4	70.3	17.0	71.6	71.6	71.6	71.6	11.6	11.0	71.6	71.6	11.6	71.6
00091 ₹		52.3		4.89		11.0	71.6	71.6	•	71.6	71.6	•	-	•	11.6	71.6
		52.9		0.69	71.0		72.3	72.3				72.3	72.3	72.3		72.3
2 12000		54.5		70.3	72.3	72.9	•	73.6		73.6	3				73.6	73.6
		54.8		71.0	73.6		74.8	74.8	*				4		74.8	74.8
900		56.1		72.3	74.8	75.5		76.1	76.1	76.1	76.1	76.1		76.1	76.1	76.1
1		29.4		76.1	78.7	19.4		0		•	80.0	80.0		0	80.0	80.0
141		59.4		76.1	78.7	79.4	80.0	80.0	0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
1		59.4		76.1	78.7			80.0				80.0			80.0	80.0
2000		63.9		80.7	83.2	83.9	84.5	84.5	84.5	84.5		84.5	84.5	84.5	84.5	84.5
1		64.5	73.		84.5	3	85.8	85.8		85.8	85.8	85.8	85.8	85.8	85.8	85.8
141		65.2		83.2		86.5	87.1	87.1	7.	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1		67.1		80.00		6	1.68	89.7	89.7	89.7	89.7			89.7	•	89.7
3000		71.6		6.06	6.26	93.6		94.2	94.2	94.2	2.46	2.46	94.2	94.2	84.5	94.2
1		73.6		92.3	;	95.5		1.96	96.1	1.96	1.96	1.96	96.1	1096	1.96	96.1
7 2000		73.6		92.9	1.96	8.96	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1		73.6	1	92.9	1.96		1.86	98.1	98.1	98.1	98.1	1.86	1.86	98.1	1.86	
> 1500		74.2		94.2		98.1		4.66	4.66	4.66	4.66		4.66	4.66	4.66	4.66
		74.2		34.5	4.16		4.66	4.66		4.66	4.66	4.66	4.66	4.66	4.66	4.66
90		74.2		84.5	4.16	98.1		4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		74.2		94.2	4.16	1.86	4.66	4.66		4.66	4.66	4.66	4.66	4.66	4.66	40.66
08		74.2		94.2	4.76	98.1	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		74.2		94.2	4.16	1.86	7.66	4.66		4.66	4.66	4.66		4.66	4.66	4.66
99		74.2	85.	94.2	4.16	1.86		4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		74.2		2.46	4.16	98.1	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
14		74.2	85.	84.5	4.16	98.1	99.4	100.00	100.00	00.00	0.00	0000	100.0	100.0	100.00	0.00
88		74.2	1 2 0	94.2	4.76	1.86	4.66	0.001	00.001	0.00	0.00	0.001	0.001	100.00	0.001	0000
	•	30.	- 1	30.74		0 0			0	0	200		•			000
80	35.0	74.2	85.2	24.5	4.70	98.1	44.66	000	000	000	000	000	000	100.00	0000	000
	1	1		1	-	1	1					1			1	1

0

0

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 MONTH

0 0

0

0

VISIBILITY (STATUTE MILES)	5 24 23 22% 22 21% 21% 21 2% 2% 2% 20	7 71 6 76 8 76 8 76 6 76 6 78 8 76 8 75 8 75	7 71.6 74.8 74.8 74.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5	.7 71.6 74.8 74.8 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75	0 72.9 76.1 76.1 76.8 76.8 76.8 76.8 76.8 76.8 76.8 76.8	.7 73.6 76.8 76.8 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77	0 74.8 78.7 78.7 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79	.0 74.8 78.7 78.7 79.4 79.4 79.4 79.4 79.4 79.4 79.4 79	.9 76.8 80.7 80.7 81.3 81.3 81.3 81.3 81.3 81.5 81.5 81.3 81.3 81.3	.6 77.4 81.3 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9	6 77.4 81.3 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9	.1 80.0 83.9 83.9 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5	.0 83.9 87.7 87.7 85.4 88.4 88.4 88.4 88.4 88.4 88.4 88.4	.3 85.2 89.0 89.0 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7	.2 87.1 91.0 91.0 91.0 91.0 91.6 91.6 91.6 91.6 91.6 91.6 91.6	.5 90.3 94.2 94.2 94.8 94.8 94.8 94.8 94.8 94.8 94.8 94.8	0 92.9 96.8 96.8 97.4 97.4 97.4 97.4 97.4 97.4 97.4	0 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0. 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0. 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0 34.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0. 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	6 7.66 7.66 7.66 7.66 7.66 7.66 7.66 7.	0 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	0 34.8 98.7 38.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	.0 94.8 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99	00 94.8 98.7 98.7100.0100.0100.0100.0100.0100.0100.010	0 94.8 98.7 98.7100.0100.0100.0100.0100.0100.0100.010	0.0010.0010.0010.00100.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.001000	0 94.8 98.7 98.7100.0100.0100.0100.0100.0100.0100.010
	AI 8 AI	71.6 71.0 71.	7 6 74 8 74	71.6 74.8 7	72.9 76.1 76.	73.6 76.8 76.	74.8 78.7 7	74.8 78.7 7	8 1.0	77.4 81.3 8	77.4 81.3 81	80.0 83.9	83.9 87.7	85.2 89.0 89.	87.1 91.0 91.	90.3 94.2 94.	95.9 96.8 96.	94.8 98.7 9	6 1.86 8.76	94.8 98.7 9	94.8 98.7 9	94.8 98.7 9	94.8 98.7 9	94.8 98.7 9	6 4.8 98.7 9	94.8 98.7 9	94.8 98.7 9	94.8 98.7 9	94.8 98.79	64.8 98.7	1.86 8.	.8 98.7
	2 0 1 0 1 5	31.0 60.7 65.	61.9 67	61.9 67.	63.2 69.	63.9 69.	65.2 71.	65.2 71.	07.1	67.7 73.	1 67.7 73.	70.3 76.	74.2 80.	75.5 81.	77.4 83.	8 80.0 86.	82.6 89.	84.5 91.	16 6.48	84.5 91.	84.5 91	84.5 91	16 6.48	16 6.48 1	91.	1 84.5 91.	1 84.5 91.	1 84.5 91.	1 64.5 91.		1 64.5	1 84.5
CEILING	(FEET)	NO CEILING		141		> 12000	100	8		1 7000		2000		141		3000	1	7 2000		1300		1000		8		00		1 1		141	VI VI	

0

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0

0

TOTAL NUMBER OF OBSERVATIONS

155

0

DIRNAVOCEANMET SMOS

@

CEILING VERSUS VISIBILITY 73-77 OR TACHPIENT, ASHEVILLE, NO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.5.T.) NAL

		00	9.	9.	9.	.2	.5	7.	8	4.	4.	.3	6.	.5	1.	9.	9.	. 8	5	*		7.	7	7.	. 7	1.	*	4.	4	0	0	•
	AI	73	73	73	73	7	75	76	76	77	19	81	83	84	87	69	63	*	65	16	98	98	98	96	86	98	66	66	66	100	001	8
	2	9.1		3.6					•		•				1.7	3.6		4.8	. 3		1.5	8.1	1.1	1.1	1.7	1.7	4.	**	4.	0.0	•	0
	AI .		-	-	^	-	-	76	-	~	-	81	8		00	0	0	0	6				6	86	86	86	0	66	6	100	001	8
	5/16	1.6		3.6					6.8			1.3		4.5	7.7	3.6		4.8	5.5	4.4	8.1	8.1	8.1	8.1		8.7		4.6	9.4	0.0	0.0	0
	Al	6 7	1	~	2 4	-		7	1	-		3	-	20	00	0 9	0	0	0	0	0	•	0	0	6	0	0	0	0	2	0	2
	22	3		3.				6.			6	:	3		7		3.	*	5.5		8.				00	-		9.4		0.0		0.0
		00	0	9	9	7	5	1	8	+	-	3	_	5	7 8	6 9		8	2	4	1	1	1	6	6	6	6 3	4	4	010	010	2
	*	73.	73.	73.	13.	14.	15.	16.		77.	.61		63.	84.	87.	93.		. 56	95.	97.	. 86	98.	. 86	98.	98.	.86	.66	.66	99.	.00	000	9
		00	0	0	0	2	5	7				0	_	S	-	9	9	80	5	*	-			-	0	~	4	4	*	0	0	5
	VI %	17	73	73	73	74	75	76.	16	77		81.		84	87	66		96	95	97.	36		98	98	98	98	66	66	66	00	00	00
	_	00	9.	9.	9.	2.	.5	. 1	8.	*	4.	6.	0	5		9.	9.		5	4		7.	7	-			3.	4	4.	0.	0	5
ES)	Al	25	73	73	73	74	15	76	16	250	46		83	48	87	63	63		95		86				98	8	66	66	66	001		00
VISIBILITY (STATUTE MILES	7.1	0.0							•			.3		.5		9.				*	7.	-	-	7.	. 7		4.	4	4.	0	0	0
LATUT	Al	72	E	73	73	74	75	76	76	7		8	83	38	00	93		24	95	97	96	96		96		98	66	66	66	100	100	2007
TY (S)	72	9.0		3.6				6.1			4.6		3.9	4.5	1.7	3.6		3.4	5.5	7.4	8.1	3.1	3.1	8.1	3.7	3.7	4.6	4.6		0.0	000	0.
SIBIL	ΛI			-	1	No.	-	7	1	-	1	00	00	00	-	0	0	0	ŏ	0	0	5	6	5	86	5	6	9	6	100	0	Ď
>	7	3.6			3.6	4.6	5.5	6.1	6.8	7.4	•	1.3		*		3.6		4 . 8	5.8	7.4	8.1	8.1	8.1	8.3	8.7	8.7	8.7	8.7	80	9.6	9.6	9.6
		00	6	7	6	9	2	5 7	1	7		7	_	60	8	0	6 6			9	6	4	6	4	1 2	0	6	6 7	6	1 0	60	^
	2 2%	72.		12.	•		•	13.	. 9		8	0	50			2	2			;	97.		. 16	-	. 86	. 96	.86		. 8	38.	000	. 0
		00	0	•	9	•	100	2	1		1	7		0		0			_	80	*	4	*	4	-		-3	7	-	-	~ .	-
	AI .	72	12.	72.	72.	73.	14.	75.	76.	76.	78.	80.		83.		92.	92.	94.		96	97.	97.	63.	97.		98.	98	98.	98.	96	86	
		87 m	. 3	.3	•	0	0.	. 2	8.	. 3	49 .	*	6.	9.		9.	9.	0.	9.	·	7.			-	œ	.0	00	0	00	0		0
	Al	72	72	72	72	72	73	74	74	75	11	10		82	83	9	6	92	63	95	96	96		96	96	96	96	96	96	96	96	10
	•		:	1.1	•	1.7	* .	3.4	0.	1.1	9.1	9.1	7:	3.	0.0	00.		:		1.1	6.0	.3	1.3	.3	0.	0.	0.	0.	0.	0	00	?
	Al	5.0	1		ł.		ł			-	-		1		1		1		1		1						1		,			- 1
	· Al	60.0	1.3	1.3	1.3	1.9	2.6	2.6	3.2	3.9	5.2	7:1	9.7	0.3	3.6	8.7	8.7	0.0	0.7	3.6	3.2	3.2	3.2	3.2	3.2	3.2	3.5	3.5	3.2	3.5	3.5	3.6
	2	29.7			6	0	-	11.	-	11.	1.	2.5	3	3.6	4.	. 9	9	.0	16.	10.0	100	10.1	100	100	9	10.9	6.	6.	6.	.0	6.	0
	-	0	-	-	-	-	-	-	-	4-1	-	1=1	4.3	C. J.	4.1	144		641	ces	1.4	-	cut.	-	(-3	201	14	-1	-		-		\dashv
2		B1174	9008	*000	*600	3000	9000	900	9000	2000	9009	3000	4500	4000	3500	3000	2500	2000	1800	1500	1200	1000	8	800	700	900	200	400	300	200	8	1
8		9 "	A	A	Al	AL	Al	AI	Al	AI	AI	AI	A	IAI	Al	M			AI	AI	Al	AI	AI	Al	Al	A	A	Al	Al	AI	AL	M

TOTAL NUMBER OF OBSERVATIONS

155

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0

0

0

0

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1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELD, CALIFORNIA

ALL HOURS (LS.T.) JAN

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		m	4	2	S		1			~	0	6	*	m	0	-	-	m	~	0	-	80	*	-	0	-		80	~	0	S	0	0
	٨١		68.	8		0	69				76.						89.					95.	96		97.	97.	97.	97.	98.	66	66	66	00
	% AI	1		8	68.5	6		-	73.0								89.1				95.1		96.4		97.0				98.2		36.8	66.66	99.5
	≥ 5/16	3.	8	8	8.	6	9.69																								2.66		
	% Al			8		6	9.69										89.0								6.96						99.1	1.66	
	*	3.	*	8		6	9.69	-	3				80.2																		68.8		8
	× AI	3		8		6	9.69										89.0														6.86		
ES)	- 41			8		6		-		5	75.8	. 9		2.		3	89.0	-		**	*	3		. 9		. 9	97.3		-			98.6	
VISIBILITY (STATUTE MILES)	×1 ×		8		8	20	69.5	-		4	3						88.9												-	8	98.3		8
BILITY (ST	V 1%	3		8		8	4.69				75.7						88.8								90.96		97.0		97.5		8	2.86	8
VISIA	7	2.	8.19	-	-	8	69.3	-	72.3	*	75.3	. 9	6	-	3	2	88.5	0	2.	3	*	3	3	2.	.0			.9	.9	-	91.6	-	-
	> 2%		6.99		67.0		68.3		71.5	3	74.4	3		0			-		-	-		3		* 4	4		80					0.96	. 9
	E AI	1		9			67.4				73.5						86.5								93.6						4		*
	1 4	58.3	62.7	62.7			64.0		66.7		69.5								86.3			88.5				89.4		89.8	. 6	1.06	90.1	1.06	
	5 71						58.8																								82.9		
	9 1			0	50.7		51.7	3	3	5			0	2.		5	58.1	ò				3	73.4				73.7				73.7	73.7	
	01 2										28.5						31.6								32.5	32.5	34.5		32.5		32.5	32.5	
CEILING	(FEET)	O CEILING	> 20000		00091		12000		000		7000		200	1	141		3000		7 2000		> 1500	1	N 1000		8		8		9		300		0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

0

0

CEILING VERSUS VISIBILITY

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 HOURS (1.5.7.) FE B

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES	(§						
(FEET)	S VI	٥ ٨١	8 41	7	e Al	2 2%	2 41	¥1 VI	¥1 VI	- AI	% Al	*	Z AI	≥ 5/16	AI N	٨١
NO CEILING	33.8	51.	53.	56.8	57.6	57.6	57.6	57.6		57.6		57.6	, .		57.6	57.6
VI V	35.3	45	57.	61.0	20	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	22
Y 14000	35.3	56.	59.	61.9	24			24	0.4						64.8	62.6
	38.1	58.	61.	00	0		90	10				90		90	64.9	-
W 1 VI	38.1	59	A Comment	- 00	68.4	00	8 6	00	00	68.4	00	69.4	69.1	00	69.1	69.1
0009 AI AI	38.9	63.	69.	71.2		- 50	- 5	71.9	10			- 5		- 5	75.5	71.9
VIVI 4000	41.0	71.	::	77.0					-:		-:	::	81.3	77.7	81.3	81.3
3200	40.00	74.	82.	8 8 7 8 8 4 8	400	* 80	40			40		84.9	89.2			89.2
17 17 2900	40.8	80.	84.	90.7	- 6		24	24	24		92.1	92.1	92.1	23		92.1
	47.5	-	87	Ne .					4 00 0		* 10	95.0	95.0	95.0	95.0	95.0
	48.2	3 4 4	6 6 8	u	200	ייי י	100	96.4	100	100		10	96.4	100	96.4	96.4
	48.00	2 2 2	89.	98.0		100		97.1			97.1	97.1		97.1	97.1	97.1
	48.2	20.00	00				66	99.3		00		99.3	99.3		99.3	99.3
888	48.2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		4.96.4	98.0		99.3		99.3	99.99	000	0000	0000	00000	0.00	0000
	48.2	85.	90.7		98.6	98.0	99.3	99.3	99.3	99.3	0000	0000	00.00	00	0.00	0000

SOWS

DIRNAVOCEANMET

MOFFETT FIELD, CALIFORNIA

0

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB

HOURS (LS.T.)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	ES)	24					
(FEET)	S YI	N AI	8 41	41	e Al	> 2%	N AI	VI 7/2	¥1 VI	-	% Al	* AI	% Al	≥ 5/16	N AI	O AI
NO CEILING	28.	47.5	51.8	53.9		54.6		94.6	4	5.3		55.3	55.3	5	55.3	55.3
≥ 20000	-	55.5	:	90.65	60.3	0	0	60.3	0	1:0	0.19	-	-	61.0	61.0	61.0
> 18000	1.	53.2		60.3	1.		-	:	-	1.1		61.7	:	-	61.7	61.7
14000	-	53.2	-	60.3	61.0	61.0	:	61.0	-	61.7		61.7	-	61.7	61.7	61.7
> 14000	-	53.9		0119					-	2.4		4.29	2	2.		62.4
× 12000	2	54.6	58.9	61.7	62.4	4.29		62.4	62.4	63.1		63.1		63.1	63.1	63.1
1000	3	56.0	:	-	63.8		3	3.						4		64.5
000		56.0	60.3	63.1	63.8		63.8	63.8				64.5		64.5		64.5
		56.0		1	3		3.			4.5				4		4
7000	33.3	56.7	:	63.8	64.5	64.5	64.5	+	64.5	68.3		2	65.3	65.3	65.3	65.3
100		57.5	-	.5	:	3	2	0	3	0.9				9		0.99
2000		61.0	65.3	68.1					68.8			•				69.5
		64.5	0	73.1			3.	73.8	3					*		74.5
141		66.7	72.3	75.9	16.6	16.6	76.6						-			77.3
		67.4			:		2		-	8.0		8	6	8		78.0
3000		72.3	78.7	83.0		83.7			3			84.4		4		84.4
200		15.9	82.3	86.5			-		7.	7.9				-		87.9
7 2000		78.0	84.4					6	6	0.1			:	0		1006
100		78.7	:	89.4	0	90.1	0		0	. 8		8.06	:			8.06
1500	41.8	19.4	85.8			0	8.06	0	0	1.5		91.5	:		91.5	91.5
2 1200		80.0	87.5	91.5	3	92.2	5			65.6		65.6	2.			95.9
		81.6	61.0	3			3	3	3	4.3			:	;		
8		91.0	200	72.5		13.0	93.6			94.3		94.3		94.3	94.3	94.9
		65.3	20.	2	3	;			3.	5.7		95.7	3	5.		95.7
		82.3	88.7					5	3.	2.1			5	5		
009		82.3		3	5	3			3.	.5		86.5	;	80.9		96.5
		82.3	:			•	6.26			8.6				8		
N 400		82.3	:	0.56			6.46		-	9.		98.6		98.6		98.6
	•	82.3	8.06	0.56	6.96	2.16	1.	-	61.6	8.6		98.6	98.6	98.6	98.6	
7 200	3	82.3	:	0.56	•		:	6.16	-	98.6	66.3	66.3			86.66	86.66
VI 8	43.3	82.3	90.8	0.56	6.96	2.16	6.46	6.16	6.76	98.6	66.3	666	66.66	66.3	66.3	0000
o AI	3	82.3	:	95.0		3.16	:	6.16	:	98.6	66.3	99.3	6.66	99.3	99.31	0000

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (LST) FEB HONTH

	٥	56.4			00	20		73.6	35.7	90.0	90.7	32.1	33.6	33.6	33.6	4.00	99.3
	AI AI	50.7	4.0	70		62.1 6	0.0	40	41	000	100	1.4	3.6	3.0	5.0	40	66.
	≥ 5/16	56.4	56.4		00	62.1			9 5	0.0		1.4	3.6	mm	2.0	46.	
	Z AI	50.4	56.4	57.9		62.1			16.4	90.0	90.7	92.1	93.6	93.6	93.6	90.4	97.9
	*	56.4			00	NN	200		0 50	00	90.7	- ~	93.6	m m	93.6	96.4	
	% Al		00	57	60.	62.	62.	73.	85.	90.	906	92.	00	93.	9 3	96.4	97.1
LES)	Ä			75	600	00	68.	73.	85	00	90.	00	92.	9 9		00	96.4
TATUTE MI	¥1 Y1	50.4	56.4	20	000	62.	00	22	85.	90.		92.	93.	20	93.6		95.7
VISIBILITY (STATUTE MILES)	۲۷ ۲۸	N IN	56.	5.7	600	00	68.	73.	95.	90.	06	91.	92.	93.			
V	7 1	50.7			00	62.1					90.7			92.9			92.9
	≥ 2%	50.		57.	00	62.	00	73.	85.0	20	90.	00	92.9	200	92.9	200	92.9
	ε Al	50 50	S. S.	56.	60.	61.4	0 0	70.	85.	90.		92.	00	92.1	92.1	92.1	92.1
	4	53.6	533	54.	57.	50 00	65.		~ 00	00 00	87.1	88.6				89.3	
	N AI	53.	N 10	54.	57.		65.	70.	23	85.	86	20 00		87.		87.	87.
	9	52.	52.	52.	56.	57.	58.	68.	80.1	8 83.	4 4 4	85.	80 80	8 85			
	VI 5	30	50	2 .	00		. 6	00	óN	500	35.0	30	200	200	35.7	35.7	35.7
CEILING	(FEET)	NO CEILING	VI VI 00081 VI 00081	Y 1400 12000	VI VI 0000 0000 0000	VIVI 7000 7000	0000 AI AI	VI VI 000 400 100 100 100 100 100 100 100 100	3200	12 12 2000	VI VI 0081 0081	VIVI 000 000	88	9 %	88	88	80

0

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0

0

TOTAL NUMBER OF OBSERVATIONS

140

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA STATION NAME

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (1.5.7.) FEB

000

No Cellino 19, 9 34.6 40.4 43.3 44.1 46.1 46.6 46.8 46	CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
CHING 19.9 34.8 40.4 43.3 44.7 46.1 46.1 46.2 46.8 46.8 46.8 46.8 46.8 46.8 46.8 46.8	(FEET)		2012		4		E				- AI	- 1000					1 95233
22.0 39.0 44.7 48.9 11.1 22.5 53.2 53.2 53.2 53.2 53.2 53.2 53.2		6	34.		201		6	0				0		0	40.	0	40.8
22.0 39.7 45.4 49.7 31.8 35.2 53.9 54.6 54.6 54.6 54.6 54.6 54.6 54.6 54.6		5	39.				5.	3	3	3		•	3		53.		53.5
10,000 22.0 40.7 45.4 46.7 51.8 53.2 53.4 54.6		2.	39.	44.7		51.1			3.	53.5	3.	3	3.	53.2	53.		
22.0 40.4 40.1 50.4 52.9 53.9 54.0 50.3 57.5 57.5 57.5 57.5 57.5 57.5 57.5 57		?	39.	42.4		51.8				54.6	;	+	;	24.6	54.	;	
13000 22.0 41.1 47.5 51.8 54.6 54.0 56.7 57.5		2	.04	46.1		52.5	3		5	5	3	5	5		55.	3.	
22.7 44.0 50.4 54.6 57.5 58.9 59.6 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60		2	*1:	47.5					-	-	-		-		57.		57.5
22.7 44.0 50.4 54.6 57.5 58.9 59.6 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60	1000	2.	**	20.4		57.5		6	0	0	0	6	0		900		0
22.7 45.4 52.5 56.7 59.6 61.0 61.7 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4		2	44.0	50.4		57.5		.6	0	0	0		0		0		0
7000 22.7 45.4 52.5 56.7 59.6 61.0 61.7 62.4 62.4 62.4 62.4 62.4 62.4 62.4 62.4		2.	44.7	51.8		8	0	-	-	-	-	-	-		61.		-
26.1 52.5 59.6 63.8 67.4 66.8 69.5 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2		2	45.4			6	-	-	2.	3	-	~	3	2	62.	2.	N
24.1 52.5 59.6 63.8 67.4 68.8 69.5 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2		2.				2	3.	*	3		5	1	5		65.		1
4500 24.8 54.6 b1.7 66.0 70.2 71.6 72.3 73.1 73.1 73.1 73.1 73.1 73.1 73.1 73						-	8	6	0		0				70.		0
26.2 56.2 56.2 56.7 70.9 75.2 76.6 77.3 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0				:		0	-	2			3.				73.		100
3500 27.7 63.8 73.8 78.0 79.4 80.1 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9	No.					3		-							78.		78.0
2000 28.4 68.1 78.7 83.7 87.9 89.4 90.1 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8	132		59.6		73.8		6	0		0	ċ		0		80.		0
280, 28.4 68.1 78.7 83.7 87.9 89.4 90.1 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8		-	63.8		78.0	3		3		5	5		3		85.		-
28.4 68.1 78.7 83.7 87.9 89.4 90.1 90.8 90.8 90.8 90.8 90.8 90.8 90.8 90.8	1		66.7		81.6	3	-	-		8	8		8		88.		8
28.4 68.1 78.7 84.4 88.7 90.1 90.8 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5			68.1		83.7	-		0		0	0		0		90.		0
1500 28.4 68.1 78.7 84.4 88.7 90.1 91.5 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92		*				:	9	0		0	0		0		90.		0
28.4 68.8 79.4 85.1 90.1 91.5 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92							0	0		-	-		-		91.		-
28.4 68.8 79.4 85.1 90.1 91.5 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92		8			34.4			-		2.	3		2.		92.		N
28.4 68.8 79.4 85.1 89.4 90.8 92.2 92.9 92.9 92.9 92.9 92.9 92.9 92		8			84.4	88.7		:		2	2		2.		92.	2.	~
28.4 68.8 79.4 85.1 90.1 91.5 92.9 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94		8			-	6	0	2		2.	2.		2		92.	2.	2
28.4 68.8 79.4 85.1 90.1 91.5 92.9 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94		8			-	6	0	2				m			93.	-	m
28.4 68.8 79.4 85.1 90.1 91.5 92.9 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94							-	2.			*		3		0	*	94.3
28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95					1	0	-	2	6.46	;	;		*		46	;	
28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 96.5 96.5 96.5 96.5 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2						0	91.5	3.	-	3	5	0	-		0	5	-
200 28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 96.5 96.5 96.5 96.5 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2		8			1	0	:	2	1	5		;			97.	-	-
200 28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 96.5 96.5 96.5 96.5 97.9 98.6 98. 100 28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 96.5 96.5 96.5 96.5 97.9 98.6100. 0 28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 96.5 96.5 96.5 97.9 98.6100.		8				1.06	91.5	2.	100		.0			•	97.	:	-
100 28.4 68.8 79.4 85.1 90.1 91.5 92.9 95.7 95.7 96.5 96.5 96.5 96.5 97.9 98.6100.		8		•	3		91.5	5		95.7	.9	;		•	-	8	00
0 28.4 68.8 79.4 85.1 90.1 71.5 92.9 95.7 95.7 96.5 96.5 96.5 96.5 97.9 98.6100		8		19.4		.0	91.5	6.26	45.7	95.7		•	•		•		0
				19.4		0	91.5	65.6	45.7	95.7		•	•				0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

14.

9880

SOMS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

0

0

0

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73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB HONTH

OFO

13 HOURS (1.5.7.)

CEILING									(24) W 410101010101010101010101010101010101010							
(FEET)	5	N AI	8 41	4	e Al	> 2%	7	71 %	¥1 VI	-	AI N	* 1	Z AI	≥ 5/16	VI VI	٨١
NO CEILING				42.6		50.4	0	\$000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.
≥ 20000			4	53.2	59.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
				53.2		61.7		61.7	61.7	61.7	-	61.7	61.7	61.7	419	61.
00091 ×	26.2	45.4		53.9	60.3	62.4	62.4	62.4	3	62.4	62.4	62.4		62.4	62.4	62.
1			51.	54.6	-	63.1	63.1	63.1		63.1	63.1	63.1		63.1	63.1	63.1
12000		47.5	53.	56.7	63.8	66.7	66.7	66.7		66.7	66.7	66.7	66.7	66.7	66.7	66.
			55.	58.9	9	68.8	8	8.89	8	68.8		68.8	8	8		68.
000	28.4	49.7	55.	58.9	0.99	68.8	68.8	68.8		68.8		68.8				68.
10.3		50.4	56.	59.6		6	6	6			69.5	69.5	69.5		69.5	69.
700	28.4	51.1	56.	60.3	67.4		70.2	70.2	0	70.2		-	70.2			70.
1 30		51.8	57.		3		0	0	0			40.0				70.9
2000		56.0	62.	0.99				75.9		75.9	75.9					75.
		57.5	63	68.1	75.2	80	78.0		78.0	78.0	0	78.0	78.0	78.0		78.
0007		61.7	68.	73.1	0	3.					;		4.			84.
19			70.	75.9		87.2	-	•	1.		1.		-		6.78	87.9
3000			75.		6	2	92.9	92.9		2			5		5	92.9
			78.	83.0	61.5		3.	0.56	2	3			0.56		95.0	95.(
7 2000			79.	;	2	5		-	-	-	-					97.
			80.			9	2	97.9	97.9	-		61.6			97.9	97.
1500			80	85.8	94.3	97.2					•	98.6	8			98.
			80.	3	64.3	-	97.9	98.6	98.6	00	98.6	9886	98.6		98.6	98.
900			80.	85.8		-	-								98.6	98.
			80.	85.8		97.2		66.66	66.3	6	99.3	66.3	66.3	86.3	66.3	66
8			80.	85.8	64.3	-	98.6		6	99.3	99.3	99.3	66.3		99.3	99.
			80.	85.8	6.46	97.2			66.3	.6		66.3	99.3		99.3	66
8			80.	85.8	6.46	-			6	6	99.3	86.66	99.3		99.3	66
			30.	85.8		97.2		6.66	99.3	6	66.3	66.3	66.3		66.3	66
14			80.	65.3	94.3	-			66.3	6	6	•			:	99.
			m	85.8	64.3	2.70	98.0	100.001		0.001	0.001	100.0	100.0	•	10000	10001
> 200		70.9	an i	85.3	94.3	2	*	0	100.001	0	100.0	100.0	100.0	100.0	100.0	100
W 100	34.0		(C)	02	94.3	97.6	98.6	100.001	100.00	0000	100.0	1000	0.001	1000	1000	001
			0													

0

TOTAL NUMBER OF OBSERVATIONS

141

0

1800

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA STATION NAME

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1 S T) FEB

WWWWWWWW 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	VI VIET 1000 111 1 2000 00 00 00 00 00 00 00 00 00 00 00 0	" www a an obe a o w m o w w L L L L L L L L L	2	V C C C C C C C C C C C C C C C C C C C	VI CO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	V 7 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	N 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2 WW44W000HH40000000000000000000000000000	N	V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
81.6	0.1 92.2	97.9	97.9	9 9 9	99.3	000		000	000	000	000	000	444

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TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

FEB

200

19 HOURS (L S.T.)

CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2	9	\$ 41	71	8 1	> 21/2	7	VI 24.	VI %	-	% AI	*	Z AI	≥ 5/16	N AI	٥
NO CEILING	31.9	52.5	54.6	8 4	58.9	58.9	58.9	58.0	58.9	58.0	58.9	58.9	58.9	58.9	58.9	58.9
		200		44.7			0 0				2 00	-	2			0
1 41		20	63.1	66.7		63.8	0	68.8	8	-	8			68.8		68.8
		909	10		6		6	6	6		6		6		0	0
> 12000		61.		68.1	70.2	70.2	70.2		70.2		70.2	0		70.2		0
1000		63.		40.0		73.1	3.	73.1		_	73.1		73.1	73.1	73.1	73.1
000 Al		63.	67.4		73.1	73.1	73.1	73.1	73.1	73.1			73.1	73.1	73.1	73.1
13.5		64.		71.6	73.8	13.8	73.8	73.8		3.	3		73.8	73.8	73.8	73.8
1 7000		64.	68.1	71.6	13.8		3			73.8	3			73.8	73.8	73.8
		99		73.1	75.2	15.2	75.2	75.2	2	75.2	75.2		15.2	75.2	75.2	75.2
2000		68.	73.1	16.6	78.7	78.7										78.7
		72.				62.3	2.		82.3	3	3		2.	82.3	3:	
0007		76.		85.1	87.2		87.2	87.2		87.2	87.2	87.2	87.2	87.2	87.2	87.2
		79.		87.9	0	1.06	0		0	90.1	90.1	90.1	6	1006		
3000		82.	87.2	8006	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		* 48		2		95.7	3	95.7	5.		95.7		5.	95.7	5	95.7
7 2000		87.		96.5	6.66		66.66	66.3	99.3	66.3	99.3	66.3	99.3	86.3	99.3	99.3
		87.			100.001	00.00		00.00	00.00	0000	0.00	0.001	0.001	0.00	0.001	0.00
1500		87.		96.51		00.00	ò			0		100.0	100.00	100.0	100.00	0.00
		87.		96.51	10.001	00.01	00.00	00.00		0.00	0.00	0.001	0.001	0000	100.0	0000
2 1000		87.		96.5	100.001	00.00	00.00	00.00	00.00		0	100.0		100.0		0.00
9% AI		87.	•	96.5	•	00.00		10.00	•				0.00	0.001	0.001	00.00
				40.0	•	10.00	0	00.00	•	0.001	0	0000	0000	0000	•	000
88		0 0		96.2	•	0000	0000	00.00	•		0000	0.00	000		0.00	000
		0 2		906	000	000	•	000	•	0	•.			000		000
VIV		87.	92.9	96.5	000	000	0000	000	000		000	000	000		000	
		87		96.5	10.001	00.00		00.00		See Conc.		0.001	0.00	0000	0	000
141		87.	65.6	96.51	100.00	00.00	0000	00.00	00.00	0.00	0.001	10000	100.00	100.0	100.0	0.00
8		87.	6.26	96.5	00.00	00.01	00.00	00.00	00.00	0000	0.001	0.001	00.00	0.00	0.001	0.00
		•	2002	1000	0000	00.00	00.00	00.00	00.00	0.00	000	0.00	0.00	000	0000	0000

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0

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TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB

22 HOURS (L S.T.)

VI NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-								-	-		
34.8 35.6 36.0 38.3 34.8 39.0 36.0 38.3 34.8 39.0 0 38.3 39.0 0 38.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 0 01.3 39.0 01	1 2 4	2 3 2 2 %	1 2 3	۲۱ ۲۲	71 71	-	A1 % A1	*	٨١	5/16	× AI	0 1
20000 34.8 59.6 61. 12000 34.8 59.6 61. 12000 34.8 59.6 61. 12000 35.5 61.0 63. 2500 36.2 61.0 63. 2500 36.2 61.0 63. 2500 41.1 79.4 83. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89. 2500 44.7 85.8 89.		1.7 61.	0	61.7	61.7 6			19 1.				119
18000 34.8 59.6 61. 12000 34.8 59.6 61. 12000 35.5 60.3 62. 12000 35.5 60.3 62. 12000 35.5 60.3 62. 12000 35.5 60.3 62. 1200 35.5 60.3 62. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89. 1200 44.7 85.8 89.		6.0 66.	.99	0009	9 0.99	9 0.9	99 0.9	99 00	900	9 0.9	0.9	0.99
10000 34.8 59.6 61. 10000 35.5 60.3 62. 10000 35.5 60.3 62. 10000 35.5 60.3 62. 10000 35.5 60.3 62. 1000 36.2 61.0 63. 1000 36.3 68.8 71. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89.	9 1.	.99	0.99 0	0	9 0.99	•	0	0	9 0.		0	0.99
12000 34.8 59.6 61. 8000 35.5 60.3 62. 8000 36.2 61.7 63. 8000 36.2 61.7 63. 5000 36.9 65.3 67. 5000 36.9 65.3 67. 5000 40.4 75.9 79. 1200 44.7 85.8 89. 800 44.7 85.8 89.	1.7 64.5	6.0 66.	.99	0.99		9 0.9	99 0.9	99 00	90.	9 0.9	0.0	0.90
12000 35.5 60.3 65. 8000 36.2 61.7 63. 8000 36.2 61.7 63. 5000 36.2 63.1 65. 5000 36.9 65.3 71. 5000 40.4 75.9 79. 1200 44.7 85.8 89. 500 44.7 85.8 89.	1.7 64.5	.4 67.	4 67 .4	4.19	67.4 6	7.4 6			0 4.	1.4 6	**	7.4
10000 35.5 61.0 63. 8000 36.2 61.7 63. 8000 36.2 61.7 63. 8000 36.3 67.4 64. 8000 36.3 63.1 65. 8000 40.4 75.9 79. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89.		69.5 69	5 69.5	69.5	69.5 6	9.5	9.5 69	· 5 69	.50	9.5 6	9.5	39.5
8000 36.2 61.7 65. 5000 36.2 62.4 64. 5000 36.2 63.1 65. 5000 36.9 65.3 71. 5000 40.4 72.9 79. 5000 41.1 79.4 83. 5000 44.7 85.8 89. 500 44.7 85.8 89.		0.2 70.	10.	70.2	70.2 7		•	L		0.2 7	•	2.0
2500 35.2 52.4 64.2500 35.2 53.1 65.3 5000 35.2 53.1 65.3 5000 35.3 55.3 55.3 57.3 57.3 57.3 57.3 57.3		70.9 70.	6.07 6	10.9	70.97	6.0	0.9 70	.9 70	.9 7	-	6.0	6.01
25000 346.9 65.3 67. 25000 346.9 65.3 67. 2500 40.4 72.3 77. 2500 41.1 79.4 83. 2500 42.5 81.6 87. 1200 44.7 85.8 89. 2500 44.7 85.8 89.	.5 6	1.6 /1.	11.		71.6 7		1 9.		1 9.	1.67	1.6	1.6
2500 38.3 68.8 71. 4500 40.4 72.3 73. 2500 40.4 75.9 79. 2500 41.1 79.4 83. 2500 43.3 83.7 87. 1200 44.7 85.8 89. 2500 44.7 85.8 89.		72.3 72.	3 72.3	72.3	72.3 7	2.3 7	2.3 72	.3 72	.3 7	2.3 7	2.3	12.3
2500 38.3 \$8.8 71. 2500 40.4 75.9 79. 2500 41.1 76.6 80. 2500 42.6 81.6 83. 2500 43.3 83.7 87. 1200 44.7 85.8 89. 2500 44.7 85.8 89.	1 4.	.5.		74.5	74.5 7		.5 7	.5.	.5.	.57	4.5	14.5
2500 40.4 75.9 79. 2500 41.1 79.4 83. 2500 43.3 83.7 87. 1500 44.7 85.8 89. 2500 44.7 85.8 89.		78.7 78.	78.7	78.7	78.7 7	8.7 7	8.7 78	.7 78	.7 7	7 7 7	8.7	78.7
2500 40.4 75.9 79 2500 41.1 76.6 80 2500 42.6 81.6 83 2500 43.3 84.4 83 1500 44.7 85.8 89 2500 44.7 85.8 89	.2 7	.3 82.	00	82.3	3			.3	.3	2.3 8	2.3	82.3
3500 41.1 76.6 80 2500 41.1 79.4 83 2500 43.3 83.7 87 1500 44.7 85.8 89 2500 44.7 87.2 90 2500 44.7 87.2 90		6.5 86.	5 86.5	5	86.58	6.5 8	6.5 86	.5	.5	.5 8	6.5	16.5
2500 41.1 79.4 83 2500 42.6 81.6 85 1800 44.7 85.8 89 2500 44.7 85.8 89 2500 44.7 85.8 89 2500 44.7 85.8 89 2500 44.7 85.8 89 2500 44.7 85.8 89 2500 44.7 85.8 89	.1.8	67.	2 87.2	-		7.2 8	7.2 87	.2 87	.2 8	7.2 8	7.2	87.2
2300 42.6 81.6 85 1300 44.7 85.8 89 1000 44.7 85.8 89 200 44.7 85.8 89 200 44.7 85.8 89 40.7 85.8 89 40.7 85.8 89 40.7 85.8 89 40.7 87.2 90 44.7 87.2 90 44.7 87.2 90	13.0 87.2	0.1 90.	90.	90.1	90.1 9	0.19	0.1 90	7	110	0.1 9	7	1006
1800 43.3 83.7 87. 1800 44.0 85.1 88. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.5 89. 1000 44.7 85.5 89. 1000 44.7 87.2 90. 1000 44.7 87.2 90.	.1 90.	3.6 93.	*	-		4.3 94	.3 9	.3 9	.3	. 3	6.3	6.9
1800 44.0 85.1 88.1000 44.7 85.8 89.200 44.7 85.8 89.200 44.7 85.8 89.200 44.7 85.8 89.200 44.7 85.8 89.200 44.7 85.8 89.200 44.7 87.2 90.200		95.7 95.	1 96.5	96.5	96.5	6.5	6.5 96		.5		6.5	6.5
1200 44.0 85.1 88. 1200 44.7 85.8 89. 900 44.7 85.8 89. 700 44.7 85.8 89. 500 44.7 85.5 89. 500 44.7 85.5 90. 500 44.7 87.2 90. 500 44.7 87.2 90.	6 6.	96.5 96.			-	7.2 9	7.2 97	16 20	.2 9	7.2 9	7.2	7.2
1200 44.7 85.8 89. 1000 44.7 85.8 89. 1000 44.7 85.8 89. 100 44.7 85.8 89. 100 44.7 85.5 90. 100 44.7 87.2 90. 100 44.7 87.2 90.	.7 9	.2 9	6.46 3	97.9	97.99	7.9 9	7.9 97	0		7.9 9	7.9	17.9
1000 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.5 89. 800 44.7 87.2 90. 800 44.7 87.2 90. 800 44.7 87.2 90.		1.9	9.86	9.	9.8	8.6 9	6 9.	9.	9.	6 9.	8.6	9.80
900 44.7 85.8 89. 800 44.7 85.8 89. 800 44.7 85.5 89. 800 44.7 87.2 90. 900 44.7 87.2 90. 900 44.7 87.2 90.	0 4.	97.9 97.		98.6	•	8.69		9.	9.		9.0	98.6
200 44.7 85.8 89. 600 44.7 85.8 89. 500 44.7 86.5 90. 600 44.7 87.2 90. 600 44.7 87.2 90.	0 4.		9.86		98.6 9	8.6 9	•	96 90	9.	9.	9.8	98.6
200 44.7 85.8 89. 400 44.7 86.5 90. 400 44.7 87.2 90. 300 44.7 87.2 90. 44.7 87.2 90.	.4 95.	97.9 97.				8.6 9	000	9.	.00	8.6 98	9.6	9.80
300 44.7 86.5 90. 40.7 87.2 90. 300 44.7 87.2 90. 44.7 87.2 90.	6 4.	97.9 97.		9.	6 9.86	8.6	•	6 9 .	6 9.	9.	•	98.6
300 44.7 87.2 90. 300 44.7 87.2 90. 44.7 87.2 90.		98.6 98.		86.66	99.3 9	9.3 9	9.3 99	100	.3 9	9.3 99		66.3
300 44.7 87.2 90. 200 44.7 87.2 90.	6 8.	9.3 9	100001	100.001	00.00	0.010	-	0	010.	0.010	-	0000
300 44.7 87.2 90. 200 44.7 87.2 90.	8 96.8	99.3 99.		100001	00.00	0.010	0.0100	0	0	0	0	0.00
200 44.7 87.2 90.	6.96 8.	6 6 6	0.0016	10.00	.0	.0	0		0.	0.0100	0	0.00
		.3	100001	100.00		.0	0.0100		-	-	0.0	0.0
87.2 90.	.96 8.	66 6.66	0	10.001	10.0	10.	010	-	010.	010	10.0	0000
0 44.7 87.2	20	. 3	0.0016	100.001	000.00	0.00	0.0100	00100	010.	010.0	0.0	0.00

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TOTAL NUMBER OF OBSERVATIONS

141

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) FEB

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	2 4	AI	S AI	7	ε Al	> 2%	7 1	V1 V	¥1 Y	Ā	% Al	* 11	N %	≥ 5/16	VI %	0 11
NO CEILING	27.4	46.0	69.3	51.6	53.6	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
2001		3	:	00	3	-	-			:					: :	619
141		52.	55.9	58.8	-	61.9	2	62.0	2			2	~		2.	62.1
		52.	•	6	2.		2			2.		5	2		62.8	62.8
> 12000		53.	37.6	60.8					;					*	:	64.5
1000		55.	59.				. 9	0		.9			•	.0	:	
0006 A				63.1	0.99	9	8.99	66.8	:	6000		6009	9	9		60.9
55.10		56.	.09	*			-								:	61.9
1 7000	-	57.	61.	64.5		8		68.3	*			68.4				68.4
1		58.	63.				0		:	0				•		70.1
0005		62.	67.				*		:	3			•	+		74.5
		65.	70.	13.9			-			-				40		
141		68.	74.			-	-		-	-		81.9	81.9	-	81.9	81.9
		71.	76.	80.0			*		:	*						
3000		75.	81.	85.0		0	6	6	89.5		89.6		89.6			89.6
		77.	83.	87.7			2	95.4	-	2		92.5	2.			95.5
7 2000		79.	85.	89.7		3	*	:	:	;				*		
		79.	86.	0.06		94.3	*	6.46			1.56		5		95.1	95.1
1500		80.	86.			4	3	5				92.6	95.6	92.6		
		80.	86.				3	0.96	:	.0			9			
1000		80.	87.	91.2		5	.9	. 9		.0				. 9		96.5
		80.	87.	91.3			. 9	90.96		. 9		8.96				96.8
8		80.	87.	-				97.1	-	-			-	-		97.2
		80.	87.	91.6	5	9	.0	97.2		4.16		97.4		97.4	4.16	97.4
9		81.	87.	91.8		. 9	-	-		-			1.	-		97.8
		*	87.	92.1	.0		-	98.1	8			48.4	*	98.4		98.4
141		81.	87.	92.1	1.96	.9	-	8	8	8	98.8	98.8				98.8
300		81.		92.1	1.96	96.8	97.5	98.5	98.6	98.8		98.9	98.9	0.66	0.66	99.0
1 200	-	. 18	:				-	96.5	20		3.6			\$3.4	•	99.5
VI VI			87.8	92.1	96.1	90.00	97.5	98.5	9.80	8.00	7.66	2000	20.5	40.66		66.66
	-	2	8/.0	92.1	1.96	•	97.5	6.06	0	-		-	:		77.5	0000

0

1125

TOTAL NUMBER OF OBSERVATIONS

SOWS DIRNAVOCEANMET

0 0 0 0 0 (3)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

NO CEILING

× 20000

(FEET)

VI VI 00091 00091 Y 14000

9000

2000

9000

4500

3500

2500

AI AI

1500

AI AI

1200

88

ALAI

88

ALAI

88

AI AI

73

3-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR HONTH O1

0.0010.0010.0010.00 0.0010.0010.0010.0010 0.0010.0010.0010.00 0.0010.0010.0010.001 0.0010.0010.0010.00. 0.0010.0010.0010.001 98.7 98.7 ٨١ 4.16 88.4 95.5 83.9 83.9 8003 8003 96.8 96.8 1.86 81.9 98.7 **V** 88.4 72.9 61.9 61.9 61.9 81.9 97.4 95.5 98.1 98.7 98.7 68.4 6.06 95.5 88.4 0.69 81.9 8.96 1.86 4.89 65.2 17.4 88.4 2.60 81.9 100.01100.01100.01100.0100.0100.01100.011 100.0100.0100.0100.0100.0100.0100.010 65.2 72.9 61.9 67.1 0.69 95.5 90.3 83.9 4.89 0.69 72.9 88.4 6.19 2.69 65.2 81.9 90.3 96.8 65.2 95.5 1.86 98.7 98.7 98.7 98.7 6119 0.69 0.69 72.9 88.4 88.4 61.9 98.1 65.2 65.2 65.2 81.9 81.9 83.9 83.9 90.3 90.3 97.4 97.4 6119 65.2 67.1 67.1 95.5 95.5 96.8 96.8 98.7 <u>-</u> VISIBILITY (STATUTE MILES) 48.7 72.9 98.1 77.4 81.9 88.4 0.69 0.69 95.5 95.5 90.3 90.3 96.8 96.8 98.7 98.7 83.9 97.4 4.89 72.9 81.9 65.2 98.1 7.86 ۸I 4.89 88.4 4.16 0.69 90.3 8.96 95.5 7.86 98.7 4.89 65.2 81.3 65.2 65.2 0.69 76.8 83.2 94.8 4.76 67.1 72.3 87.7 1.96 96.8 98.1 89.7 0.69 95.5 4.76 87.7 89.0 72.3 96.1 8.96 4.76 81.3 83.2 65.2 87.7 94.2 62.6 63.2 64.5 65.2 66.5 67.1 98.7 82.6 61.3 71.6 61.3 87.1 1.96 64.5 4.89 76.1 65.6 8.46 4.76 61.3 64.5 94.2 95.5 4.16 67.7 80.7 17 71.6 75.5 81.9 0.16 6.26 93.6 92.3 65.3 92.9 92.3 86.5 61.3 64.5 48.4 64.5 87.1 56.8 59.4 29.4 50.3 58.1 61.3 61.3 54.5 61.3 61.3 61.3 61.3 61.3 49.7 60.7 61.3 49.7

TOTAL NUMBER OF OBSERVATIONS

155

0

80

AI AI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

0

0

11A 73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR MONTH O4 HOURS (1.5.7.)

(FEET)																
	5 1	9 11	S)	7	e Al	≥ 2%	2 41	٧١ ٧٢	¥1 Y	-	*	*	Z Al	≥ 5/16	AI N	٨١
NO CEILING	39.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	56.1	52.3	52.3
00081	40.7	56.	56.1	56.1	56.1	56.1		0 4		56.1	56.1	56.1	56.1	56.1	56.1	56.1
	40.	56.		56.8	26.8	and the little and	36.00	56.8	56.8	56.8			56.8			56.8
1 1 2000	41.9	59.	59.4	59.4		59.4	6		6	5) STATE			59.4	59.4		59.4
V 10000	43.2	61.	61.3	-	÷.		-	-	61.3	÷.	-:	-	61.3	61.3	÷.	
	43.9	63.	63.2	63.2			63.2		63.2	63.2	63.2		63.2	63.2	63.2	63.2
7171	43.9	63.		63.2	63.2	193	m	3	63.2			63.2	63.2	3		63.2
	45.2	65.		5	3				5		5.	9 6 5 9			65.8	65.8
2000	47.7	69				0	0			70.3	0	0		70.3	0	70.3
2 4500	49.7		74.8	74.8			14.8	74.8	*	74.8	74.8	74.8	24.8	74.8	74.8	74.8
	21.0	-							8							
> 3500	21.6	000		:,	81.0	000	810	-	200	- 1	-	000	-	61.0		200
	4.76	. 20			0	*	•				•	2	:			
VIV 2000	30.00	92	600.46	0.40	94.0	0 80	0.00	94.0	0 %	94.0	94.8	94.8	94.8	94.8	94.0	94.8
1	56.8	93.	3		.0	0	.9	0	0	9		.0	.0	9	9	
141	56.8	93.	0	8.96	8.96	96.8	96.8	96.8	96.8	96.8		8.96	96.8	96.8		96.8
	56.8	94.		4.16	-	-	-	97.4	-		97.4		4.16	-	:	47.4
V 1000	56.8	94.	•	97.4	4.16	97.4	-	97.4	97.4		-	97.4	97.4	97.4	:	97.4
88	200	40	97.4	4 - 20	4. 20	\$ - × × ×	4.10	4.080	4.0	4.4	4.00	4	98	98.1	98.1	980
	36.8	94.	:	00					8	0	00			00	0	98.
38	56.8	94.	-	98.1	98.1	20	98.1	*	98.1	98.1		98.1	98.1	98.1		98.1
200	56.8	94.	4.16		1.86	98.1		98.1			98.1	1.86	1.86			98.1
7 400	56.8	94.	:	98.1	98.1		98.1	98.1	98.1		00	98.1	98.1	98.1	98.1	98.1
388	35.8	94.	97.4	98.7	98.7	98.7	4.66	4.66	4.66	4.00	40000	4.66	100.00	100.00	1000.0	00.00
	56.8	94.	-	98.7	1.86		0	0		0	0	0	0	0	0	0
	26.8	94.	97.4	1.86		98.1	0.00	0.001	0001	0.00	0.001	0000	0001	100.0	00.00	

0

0

0

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

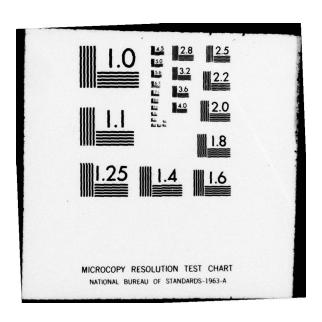
07 HOURS (1.5.T.) MAR

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
	2 1	۷ ۸۱		VI	۸I	2 2%	AI	71 %	71 71	<u></u>	۸I	*	2 11	≥ 5/16	VI VI	٨١
NO CEILING	32	40.4	51.	-	51.0	-	51.0	:	-:	-		-	-	:	:	51.
> 20000	34		5	54.8	54.8	54.8	8.45	54.8	54.8	54.8	+	•		54.8	54.8	54.
	34.5		54.			4.				. 4		*	*	4.		54.
≥ 16000	34.2		54.		54.8	54.8	*		54.8	*	*		*	*	*	54.
	34.2	1	34	54.8	54.8		4	\$	54.8			*	*		4	
> 12000	35.5		56.	56.8	56.8	56.8	56.8		56.8	56.8	56.8	;			56.8	56.
	36.1	1	58.					00	56.1	0		8				58.
0006	35.1			58.1	1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.
	37.4	1	.09		0	0	0	0	60.7	0			0	0		00
7000	38.1		61.	61.3	61.3	-		-	61.3	-		61,3	:	-		61.
1	38.7	1	61.	-	-	-	-	-	6.10	-		-	-	-		
2000	41.3		67	-	67.1	67.1	67.1	67.1	67.1	-	67.1	07.1	2	67.1		67.
	43.2	1	.69	0	9		9.	0	69.7	6			6	6		69
141	43.9		72.	72.3	72.3	72.3		72.3	72.3	2		72.3	8	~		72.
1	44.5	1	14.	74.8	74.6	. 4	*	3	14.8				*	4		74.
3000	45.8		79.	19.4	4.64	0	0	80.7	80.7				0	80.7	80.7	80.
	47.1	1	85.	1	5		.0	-	87.1			87.1		1.		87.
7 2000	47.7		91.	91.0	-	-	-		92.3	2	92.3	92.3	2	2		92.
	48.4	1	63	46.5	4	2.46	*	3	8.76	*		8.96	4.	4.		. 50
> 1500	48.4	88.4					8.96		95.5	98.5		95.5		95.5	95.5	95.
	48.4	38.4	. 46	3	8.96		5			1.96	1.96	1.96	0	1.96	1.96	.96
1000	4.8.4	88.4	94.	94.8	4	2	5	96.1	96.1		96.1			1.96		96
	48.4	88.4	. 46	5	95.5	1.96				-		4016		4.16	4016	97.
008	48.4	88.4	94.		3	96.1	9.96							•		98.
	48.4	88.4	. 46			1006	8.96			98.1	98.1	98.1	8	98.1	98.1	.86
009	48.4	88.4	. 46	95.5	95.5	96.1	8.96	98.1	00		98.1	1.86	*	98.1	98.1	98.
	48.4	88.4	. 46	6.56	95.5	1.96	90.96	0		98.1	98.1	00	8		98.1	98.
1 400		88.4	. 46	95.5	95.5	97.4	98.1	4.66	4.66	4.66	4.66	4.66		4.66	4.66	66
	0	4.88	. 76		3	4.16	98.1					0			6	.66
7 200	48.4	88.4	. 46	-	95.5	97.4		4.66	4.66	4.66	4.66	4.66	6	4.66		66
		88.4	. 46	95.5	95.5	4.46	1.86	4.66	40.66	4.66	4.66	4.66	4.66	4.66	4.66	001
0		38.4		95.5	95.5	4.16	98.1	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) MOFFETT --ETC(U) AD-A060 973 UNCLASSIFIED NL 3 OF 4 ADS0873



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (1.5.7.) MAR

CEILING																
(FEET)	2 1	o Al	8 41	4	e Al	N 2%	2 4	¥ 4	N 14	-	AI N	* 11	Z AI	≥ 5/16	N N	N N
NO CEILING			9116	51.6		52.3	52.3	52.3	52.3	52.3			52.3	2.	52.3	520
≥ 20000			0.09		60.7		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
	34.8			0.09	60.7	1.09	60.7	60.7	60.7	1.09	1.09	60,7	60.7	1.09	60.7	•09
N 16000					60.7	44	60.7	60.7	20.1	60.7	60.	60.7	60.7		60.7	
			61.3	61.3	•	95.29	62.6	65.6	9.29	62.6	62.6	62.6	95.29	.2.	62.6	62.
> 12000			9.29	62.6	63.9	63.9	63.9	63.6	63.0	63.0	63.9	63.9	63.9	63.9	63.9	63.
100			65.2	65.2	66.5	66.5	66.5	60.9	60.9	66.9	66.5	66.5	66.5	66.5	66.5	.99
900			65.2		66.5	66.5	60.9	60.0	66.5	66.9	66.5	66.5	66.5	•	66.5	99
1230			99.9	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7		67.7	67.7	-
788			68.4	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69
1			0.69	69.7		-	•	:		71.0	1.0	•	71.0		71.0	71.
900			71.0	72.3	73.6	73.6	73.6	73.0	73.0	73.6	73.6	73.6	73.6	73.6	73.6	73.
			72.9		75.5		75.5		75.5	75.5	75.5	75.5	75.5	78.5	75.5	75.
8			74.8	76.1	77.4	77.4	77.4	77.4	17.4	77.4	77.4	77.4	77.4	-	77.4	7.
			78.7	0	81.3	81.3					81.3	81.3	•	81.3	81.3	81.
3000			81.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2		85.2	85.
	46.5		89.0	-	92.9	92.9	-	6.26	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.
7 2000			91.6	93.6	95.5	95.5	95.5	95.5	95.5		95.5	95.5		95.5	95.5	
			92.9		96.8	96.8		96.8	96.8	8.96	96.8	96.8	96.8	96.8	96.8	96
95	47.1		94.2	96.8	7.86	98.7	98.7			98.7	98.7	98.7		98.7	98.7	98.
					98.7	4.66	7.66	4.66	4.66	4.66	4.66	6	4.66	4.66	99.4	66
8	47.1		94.2	96.8	4.66	100.001	100.001	100.001	100.001	100.00	100.0	100.0	100.0	100.0	10000	100
			2.46	8.96	4.66	100.0	100.0	0	100.001	0.001	100.0	100.0	100.0	100.0	10000	100
8	47.1			8.96	4.66	100.001	100.001	100.00	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100
	47.1		2.46	8.96	4.66	100.0	100.00	0.001	100.0	0.001	100.0	100.0	100.0	100.0	100.0	100
3	47.1		94.2	8.96	4.66	100.001	100.001		100.00	100.0	100.0	100.0		100.0	100.0	100
	47.1			95.8	4.66	100.0	100.00	6	100.00		100.0	100.0	100.0	100.0	0.001	100
141	47.1		94.2	96.8	4.66	100.0	100.001		100.001	100.00	100.0	100.0	100.0		10000	100
				96.8	4.66	100.0	100.0	100.00	100.00		100.0	100.0	100.0	100.0	100.0	100
200	47.1	89.0	94.2	8.96	4.66	100.0	100001	100.00	10001	100.0	100.0	100.0	100.0	100.0	100.0	
W 100	1.7.4		2.46	8.96	4.66	100.001	100.001	00.00	100.001	0.001	100.0	10000	0.001	10000	0.001	100
				-		-		The second secon	-	The second secon		-		-		1

TOTAL NUMBER OF OBSERVATIONS

155

0

0

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.8.T.) MAR

TOTAL NUMBER OF OBSERVATIONS

155

SOWS DIRNAVOCEANMET

0

0

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

16 HOURS (1.5.T.)

MAR

CEURING \$ 20			13	0	-	-	-	*	0	-	9	0	2	8	0	9	00	m	*	3	0	0	0	0	0	0	0	0	0	0	0	0	0	പ
2 2 2 2 2 2 2 2 2 2			51.	00	•	67.	67.	68.	69	69	7.	72.	14.	36.	80.	82.		92.			00	00		00		00					00	00	8	8
2 10 2 6 2 5 2 4 2 7 2 7 2 7 2 7 7 4 7 4 5 7 7 6					1010	57.1			99.0		11.6	72.3	74.2		0	3	2		7.4		0.00		0.00	0	0	0	0	0	0	0.00	0		0	
**************************************		91/9	*	0.0		7.1	7.7	8.4	0.6	1.	1.6	2.3	4.2	8.8	0	9.	80	·	7.4	4.	10.	0	0.	0	0	0	0.	0.010	0.	0.010	10.	.0	10.	0
S			-		0	0	9	0	9	0	-	-	-	-		00		1000	0					ŏ	ĕ	ŏ	ě	ř	-	č	ŏ	ŏ	ŏ	
2 10 2 4 2 5 5 5 6 6 5 6		10000				67.1	9/9	68.4	69.0	69	71.6	72.3	74.2		80.0		85.8	92.3	97.4	99.4	00	00.00	00	00	000	00.0	000	December 1	0	000	000	00.0	000	000
VISINILITY (STATUTE MILES) 2 10 2 4 2 5 5 5 5 5 7 4 7 4		200	*	0.0	:	7.1	1.1	8.4	•	4.1	1.6	2.3	2.4	6.8			5.8	2.3	4.	4.6	0					ò	0.0	0.0	•	0.0	10.0	0.0	0	0.0
\$\$\text{\$\			5	0	0	9 1	9 1	4	90	0	2	7	7	7	8		80	0	4	0 +	-			200	-	-	=	-	-	-4	-	010	0	의
43.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4				000		67.	.19		69.	100	71.0	72.	14.		80.	3.			97.		0				0	0	0	0	0	0	0	.00	0	
47.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4		-	*	?	:	.1	1.	*	0		9.		.2		0	•			*	*	.0	0	0	0	0	0	•	0	0	0	0	.0	0	•
43.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4	ES	AI	5	0	0	67	67	68	69	69	71	72	4	76	80		85	92	07	Brack St		10000					100		100	100	100	100	001	8
43.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4	E MIL	174	*	.5	:	7.1	1.7	*.	0.	1.1	9.	3	1.2	8.0			8.	3	*	4.	0.0	0.0	0.0	0.0	0.0	0.0	0:0	•			0.0	0.0	0.0	0
43.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4	TATU	Al	6	ŏ	0	•	0	3		0	F	7		7	8	0	8	2	0	99	100	100	701	100	ĕ	-	-	ŏ	100	001	001			Š
43.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4	ITY (S				3	7.1	1.1	8.4	0.6	9.7	1.6	2.3			0.0		5.8	2.3	7.4	9.4	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	
43.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4	SIBIL	AI .	5	0	0	9	9 /	0	9	0	2 3	-	7	4	8	0	8	0	0	6	210	010	-			200	-	200	010	200	010	10	010	의
49.2 55.5 57.4 57.4 57.4 57.4 57.4 57.4 57.4	>		-		-	.1.	.7.		99.	.6	1:	12.	*			3		.2	7:	and the				00			0	000	0	00	0	000	000	•
43.2 55.3 2.4 57.4 57.4 57.4 57.4 57.4 57.4 57.4 57			3 1	0	-	-	1	4	0	7	0	m	2	00	0	9	8	9	4	4	10	000	0	010	5	070	<u></u>	8	0110	0	210	0	010	5
47.7 65.8 57.4 57.4 57.4 47.7 65.2 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1			57.	0	0	67.	67.	68	69	69	7	72.	14.	76.	60	82	85.	92.	97.	99.	100.	100	100	100	100	100	100	100	100	100	100	100.	100	00
43.2 55.9 57.4 5 47.7 64.9 5 66.5 66.5 67.1 67.1 67.1 67.1 67.7 65.2 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1			4:		:	1.	1.	*	0.	1.1	9.		1.2		•	9.		3	4.	4.	0.0	0.	0.	0	0	0.	0	0.0		0.0	0.0	0.0	0.0	0
43.2 55.9 57.4 57.4 47.7 64.5 66.5 66.5 66.5 66.5 66.5 66.5 66.5		AI	3	ŏ	0	9	9	39	69	5	7	7	7.	7	80	82	8	6	6	Sharet and	100	100	100	100	0	100								07
44.7.4.4.65.8.9.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		*	3.	0	:	7.1	1.1	8.4	0.6	9.7	1.6	2.3	4.2	6.8	•	2.6	5.8	2.3	4.4	8.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	9.4	4.6	4.6	5.6	4.6	5 . 6	
444.74 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 65.38 54.44 55.38 54.44		^1	5	0	0	9	9/	•	9	0	- 5	-	-	-	00	0	00	0	0	0	6 1	0	6	0	0	0	6	0	6	0	6	0	6	^
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		S AI	57.	000	-	67.	67.	68.		69		72.			19.	81.	85.	91.6	96.	97.	98.	98.	98.	98.	96	98.	96	98.	98.	98.	.86	.86	98.	.06
		•																																
1 4444444444		AI		-									1				1		246			1000	Thursday.			-			430			1		
200 000 000 000 000 000 000 000 000 000			43.5	•		47.7	47.7	48.4	48.4	49.0	49.7	49.7	50.3	52.9	55.5	56.8	59.4	63.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	95.8
	2	E	+	1																														-
8		2								200			100				100		1000		190				AI	AI	AI	AI	Al	AI	Al	IAI	AI	AI

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

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MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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13-17

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

19 HAR

CEILING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	o Al	S) Al	4	e Al	> 2%	2 7	¥1 Y	¥1 VI	- AI	X Al	* Al	Z AI	≥ 5/16	N AI	O AI
NO CEILING	51.6			63.2	63.2	67.1	63.2	67.1	63.2	63.2	67.1	67.1	67.1	67.1	63.2	67.1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	51.6	and the second		67.7	67.7	67.7	67.1	67.1	67.1	67.1	67.7	67.7	67.70	67.1	67.1	67.1
V 1 14000 1 12000	51.6	Maria Carlo		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
0001 VI VI 0000	53.6	The second		74.2	72.9	74.2	72.9	74.2	72.9	72.9	74.2	74.2	74.2	74.2	72.9	74.2
VIVI 7000 7000	54.8			76.1	76.8	76.1	76.8	76.1	76.1	76.1	76.8	76.1	76.1	76.8	76.1	76.1
9005 AI AI	56.8	CONTRACTOR OF THE PARTY OF THE		17.4	80.7	80.7	80.7	40.1	80.7	80.7	80.7	80.7	80.7	80.7	17.4	80.7
VI V	59.4	E- 100		85.8	84.2	85.8	84.5	85.8	84.5	84.5	85.8	85.8	84.58	84.5	84.5	84.5
3300	59.4			91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
17 17 2000	63.2	The state of the s		96.8	96.8	96.8	97.4	97.4	97.4	98.7	98.7	98.7	98.7	97.4	97.4	97.4
VI VI 000 1500	63.2	95.5	98.1	98.1	99.4	99.4	99.4		100.00		100	100	100	1000	1000	100.0
VI VI 1900	63.2	Color Color		98.7	99.4	99.4			00	00	000	000	900	100	000	000
8 8 AI AI	63.2			98.7	99.4	99.4	0000	000	000		000	90	000	000	4-	
	63.2			98.7	4.66	4.66	000	000	000	000	000	900	000	000	000	0000
88	63.2			98.7	4.66	99.4	000	00	100.0		100	80	1 -1	100	9	00
1 3 3 3 4 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	63.2	have a		98.7	99.4	4.66	0.00	100.0	100.0	100.0	100	100.0	100.0	00	100.0	1000
8°	63.2	No. of the last		98.7	4.66	4.66	0.00	100.0	100.0	100.0	100.0	10000	100.0	1000	100.0	00.00

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MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR

22 HOURS (1.5.T.)

							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	S						
CEILING (FEET)	2	N AI	S AI	AI AI	E 41	1 2%	2 4	VI %	VI X	- AI	% Al	*	N ×	≥ 5/16	N N	O AI
NO CEILING	1		:		64.5				64.5	4	64.5	4				64.3
	51.0	67.7	68.4	4.89	68.4	4.89	4.89	4.89	4.89	4.89	4.89	68.4	4.89	68.4	4.89	68.4
	-		6				0	6		6		6	6	6	6	
14000	-	68.4		0.69	69.0		0.69			0.69	69.0	5				69.0
	-			6	6	6	6	6			0			6	6	
× 12000	:	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	2.	72.3		2	72.3	72.3	72.3
	-		72.3					2.			72.3					72.3
88	2			72.9	72.9			2.		72.9	N	3		72.9		72.9
	2		14.8		74.8				*		2				*	74.8
788	2.				74.8	;			;		4	*	74.8			74.8
	2.				9	6			6	.0	0	0	0	9	6	76.1
9000	5			80.0	80.0		80.0	80.0	80.0		80.0	80.0	80.0		80.0	80.0
	9		-		-	-	:		-	1	-	-	-	-	-	81.9
111		82.6		3							3				*	83.9
				87.1	87.1	-	-	-		-	-	-	-	-	-	87.1
3000	:	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1	3		:	96.1		C				9	0	1.96		0	9	96.1
7 2000			97.4	98.7			8	98.7	98.7	98.7		98.7				98.7
	3.		-	98.7				8	98.7		8	1.86				98.7
141			97.4	98.7	98.7			98.7	7.86	7.86		98.7	98.7	98.7	7.86	98.7
1			98.1	4.66	4.66	4.66		4.66	4.66			4.66	4.66	4.66		4.66
90			98.1	4.66	4.66			4.66	4.66	4.66		0	4.66			4.66
	3.		98.7		0		0	0		0	0	0		0	0	00.00
8			98.7	100.001	0.0	10000		0	100.00	0	0	00.00	0	100.001	0	00.0
	3.		98.7	100.001	0	0	ò	ó		0	0	00.00		0		0000
8	3	8.96	98.7	100.001	100.00	10.00	100.00	00.00			0	00.00	00.00	0	00.00	0000
			98.7	100.001	10.001	00.00	0	0		0	0		0	0	0	0000
141			98.71	100.001	100.00	100.00			100.00	0		00.00	0.00	100.001	00.00	0000
			98.7	100.00	100.001	0000			100.001	0	0.00	0.00		100.001		000
> 200	3.	96.8	98.7	10001	100.00	00.00	00.00	00.00	100.00	•	100.00	00.00	00.00		00.00	000
9 8	63.9	96.8	98.7	100001	00.00	100.00	00.00	00.00	0.001	0.00	0.00	0.00	0.00	100001	00.00	00.00
	3.	•	1006	10001	00.00	100.00	0000	00.00	00.00	•	00.00	00.00	000	10000	00.00	00

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1 S.T.) MAR

CEILING				*			VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(53						
(FEET)	2 11	VI	80 11	AI AI	e Al	2 2%	1 2	×1 ×1	¥1 Y	Ā	* 11	*	Z AI	≥ 5/16	N AI	0 1
NO CEILING	40	58.	1:		9		1-			. 9		6.95				56.9
> 20000	43.	600	-	62.1	62.2		62.2	62.2		2.29		62.2	3		3	62.2
	43.4	00	:		3.		-	7	2	2.			2.			
00091 3	43.4	.:	:	65.3	62.4	62.4	-	2	-	62.4		4.29		2.		62.4
	43.5	61.	6.3	63.1					-	3		3.				
× 12000	4.44	63.	4.5	64.7						3		:		:		64.9
1000	45.1	64.	6.5	1.99					:	•		.0				66.3
900	45.2	69.	5.5	4.99						9.99				:		999
	46.0	99	3.2	68.3												68.6
141	46.3	67.	:	69.1												4.69
10	46.6	68.	:							0						70.6
9006	48.5	72.	:	73.8	74.0	74.1	-									74.1
1	50.4	75.	:													77.5
141	51.6	77.	:	49.0	80.2	80.2		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
1	52.8	80.	-							-						83.1
3000	54.8	84.	:	87.4		87.8				-		87.9				87.9
1	50.5	88	-	2.	3.							3				93.3
141	57.3	3:	:	95.8	96.4			96.7		7.96		96.7		96.7		96.7
1	57.7	92.	:	1096		-				:		-	:			97.7
1300	57.7	92.	:	97.3				98.3	98.3					98.3	98.3	98.3
	57.7	92.	:	91.6	98.3	98.6						1.86		8		98.7
90	57.7	92.	96.4	97.7	98.5		98.8		6.86	6.86	98.9	68.6			68.6	98.9
	57.7	92.	:	97.9						6						
8	57.7	92.	:	98.2	0.66	99.2		66.6			99.5			99.5		99.5
	57.7	92.	:	98.2				6				6				99.5
8	57.7	92.	:	98.2												99.3
	57.7	92.	:	98.2		2.66										99.5
8	57.7	92.	:	98.2		4.66		99.7				4.66			1.66	49.7
	57.7	92.	96.9	98.2	0.66	4.66					8.66	0			8.66	8.66
8	57.7	65.6	96.8	98.2		4.66	8.66		6.66	6.66	6.66		0	6.66		66.66
	57.7	.26	:	2.86	0.66	4.66	8.66	6.66		•	6.66	6.66	6.66	•	69.66	0.001
	57.7	92.	90.8	98.2	0.66	4.66				6.66		6.66	6.66	6.66	6.66	0.001

TOTAL NUMBER OF OBSERVATIONS

1240

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

OI HOURS (LST.) APR

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	2	9 11	82 41	4	8 41	> 2%	7 4	۲۱ ۲۱	71 71	-	% AI	*	N X	≥ 5/16	N NI	٨١
NO CEILING	55.3	73.3	74.0			14.0		74.0		74.0		•-	74.0	14.		14.0
N 20000	59.3		78.0	78.0			78.0	18.0			78.	•		78.	78.0	18.0
	59.3		78.0	78.0			78.0	78.0		78.0	-	78.0	78.0	78.0	78.0	78.0
00091 1	59.3		78.0	78.0	78.0	78.0	78.0	78.0	78.0		78.	•		78.	78.0	78.0
	59.3		78.0	78.0	78.0		78.0	78.0	78.0		78.		8	78.0	78.0	78.0
> 12000	60.7		80.0	80.0	80.0	80.0		80.0	80.0	80.0	80.0	80.0	80.0	80.	80.0	80.0
THE REAL PROPERTY.	00.1		80.0	80.0	80.0		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
0006	60.7	79.3	80.0	80.0	80.0	80.0		80.0	0			80.0	80.0		80.0	80.0
100 6	60.7		80.0	80.0	80.0			80.0	0	80.0	0	80.0		80.	80.0	80.0
1 7 7000	60.7		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0	80.0	80.0
100	60.7		82.0	82.0	82.0	92.0	82.0	82.0	2.	82.0	82.0	82.0	82.0	82.0	82.0	82.0
9006	62.7		84.0	84.0	84.0	84.0	84.0	84.0	84.0	•	84.0	84.0	84.0	84.0	84.0	84.0
	65.3		87.3	87.3	87.3	87.3	87.3	87.3		87.3	87.3	87.3		87.3	87.3	87.3
141	0000	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
B. W.	67.3		90.7	40.1			1.06	40.7	40.7	90.7				90.7		40.4
3000	68.7		92.0	95.0	92.0	95.0	92.0	92.0	92.0	92.0	92.0	92.0		92.0	92.0	92.0
	10.0		93.3	93.3		93.3	93.3					93.3	93.3	93.3		93.3
1 2000	70.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3		95.3	95.3	95.3		95.3	95.3	95.3
	70.7		95.3	65.3	95.3	95.3	95.3	95.3	95.3	95.3		95.3	95.3	95.3		95.3
1500	70.7	95.3	0.96	0.96	96.0	0.96	0.96	0.96	96.0	96.0	96.0	96.0	96.0	96.0	0.96	96.0
	70.7		0.96	0.96	96.0	0.96	0.96	0.96		96.0	0.96		96.0		0.96	96.0
100	70.7		96.7	96.7	96.7	96.7		96.7	96.7		96.7	96.7	96.7		96.7	96.7
8 1	70.7	96.7	97.3	97.3	97.3	97.3	97.3	1.3		Take	97.3	97.3		97.3	97.3	97.3
8 Al	71.3		98.7	66.3	99.3	86.3	66.3	99.3	86.66	86.3	99.3	99.3	6		99.3	99.3
	71.3		1.86	66.3	66.3	66.3	66.3	66.3	99.3	66.3		•	66.3		66.3	66.3
98	71.3		99.3	0.001	100.0	100.00	100.001	100.00	100.0	10000	100.0	1000		-	:	0000
	11.3		66.3	0.001	100.0	100.0	0000	0.001	0.001	100.0	100.0	0.001	0	-	100.0	0.001
141	71.3	98.7	99.3	100.0	100.0	100.00	100.00	100.00	100.0	10000	100.0	10000		-	100.0	100.0
88		98.1	99.3	0.001	100.0	100.0	0.001	0001	•	0.001	100.0	0.001	0.001	-	0.001	0.001
	:	100	27.5	000	0.001	200	0000	000	0.00	0000	2007	0.001		000	0000	000
80	71.3	08.7	00.00	000	000	000	000	000	000	00000	000	0000	000	000	000	000
1				2	2		2	3	2							2

9

TOTAL NUMBER OF OBSERVATIONS

150

0

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR HOURS (LST.)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	21	9	N AI	41	E AI	> 2%	2 Al	¥1 Y	21 14	- AI	*	*	Z AI	2 5/16	N AI	٨١
NO CEILING	52.0	99	566.7	1000	56.7	1.99	1.99	1.00	566.7	66.7	66.	1000	200.7	1.99	1000	66.7
mmy !	50.0	2	-		2 6		100	200	200	100	2			0		
VI VI 0009 0009	55.00	20	70.7	70.7	70.7	70.7	70.7	7.02	70.7	70.7	70.7	70.7	70.7	70.7	70.7	7.07
	55.3	10	70.7	10.7	10.1	10.1	70.7	70.7	70.7	70.7	10.1	7007	70.7	70.7	70.7	7007
17000	55.3	70.	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
4 (00000)	55.3	70.	11.3	11.3	71.3	11.3	71.3	71.3	71.3	71.3	71.3	11.3	11.3	11.3	71.3	71.3
0006	55.3	70.	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
1772	55.3	:	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
141	56.0	72.	72.7	72.7	72.7	72.7		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	56.0	72.	72.7	72.7	72.7		72.7	72.7	72.7	72.7	72.7	72.7	12.7	72.7	72.7	72.7
2000	57.3	73.	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	59.3	78.	78.7	78.7				78.7		78.7	78.7	78.7	78.7	78.7		78.7
1 4000	62.0	81.	82.0	85.0	82.0	82.0	82.0	85.0	82.0	82.0	82.0	82.0	85.0	82.0	82.0	82.0
18 19	0.49	83.	84.0	84.0	84.0	84.0	*	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3000	64.7	85.	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	80.7
	0.99	88.	89.3	89.3	89.3	89.3	6	89.3	89.3	89.3	1000	89.3	89.3	89.3	89.3	89.3
7 2000	68.0	600	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	69.3	92.	93.3	93.3	63.3		63.3		93.3	-	63.3			93.3	93.3	93.3
> 1500	69.3	94.	96.0	0.96	96.0	0.96		0.96	96.0	0.96	0.96	0.96		0.96	0.96	96.0
	69.3	94.	0.96	0.96	0.96	0.96	0.96		96.0	0.96	0.96	0.96	0.06	0.96	0.96	0.96
1000	69.3	95.	96.7	96.7	1.96	96.7	96.7	196.1	46.7	7.96	1.96	196	96.7	96.7	96.7	96.7
2	69.3	98.	97.3	0.86	98.0			0.86	0.86			0.86		98.0	•	98.0
008	70.0	96	98.7	99.3	66.3	66.3	86.3	66.3	66.3	66.3	66.3	99.3	66.3	99.3	66.6	99.3
S 700	10.0	97.	66.3	0.001	0	0.001	0.001		0.001		0.001	0.00	0.00	0.001	0.001	0.001
	0.0		79.3	100.001	0000	00.001	0000	100.00	•	00001	00.001	0000	0000	0.001	0.001	0000
98	10.0	97.	666	100.001		0000	0.001	100.00	0	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	0.0	:	27.5	00001	0.001	00.00	0.00	100.00	0.001	0.001	000	.00.0	0000	0000	0000	0000
88	000	20	99.3	0000	0000	000	00000	00.00	0000	00000	0000	000	000	00000	00000	00000
	10.0	41.	60.3	0.001	0.00	0.001	0000	0.001	0.001	0.001	0.001	0.00	0.001	100.0	100.0	100.0
141	70.0	97.	66.3	0.001	100.0	100.001	100.0	100.00	100.0	100.0	100.00	0.001	100.0	100.0	100.0	100.0

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TOTAL NUMBER OF OBSERVATIONS

150

0

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUPPETT FIELDS CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR HOUTH O7

2

CEILING	9							VISI	BILITY (ST	VISIBILITY (STATUTE MILES	ES)						
(RE)	_	2 41	9	8 41	1	e Al	> 2%	2 A	V 1%	VI 71	-	× Al	*	Z AI	≥ 5/16	VI %	٨١
	+	30.7	61.3	62.7	62.7	62.7	62.1	62.7	62.7	62.7	62.7	62.1	62.7	62.7	62.7	62.7	62.7
1 2000		32.0	04.0	65.3	65.3	65.3	65.3	65.3		0	-	3	65.3		2	2	65.3
N 18000		35.0	0.49	65.3	65.3	65.3	05.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
Parallel St.		32.0	0.49	65.3	65.3		120	65.3		2	5.	2	65.3	2.	2.	2	65.3
177700		32.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	•	2.				65.3	65.3
> 12000		32.7	999	67.3	67.3	67.3	67.3	67.3	67.3		67.3	67.3	67.3	67.3	67.3	67.3	67.3
100		34.7	68.7	70.0	70.0			•	70.0		•						70.0
900		34.7	68.7		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
		34.7	69.3	70.7	70.7		70.7		70.7		7007	70.7					70.7
141		34.7	70.0	71.3	71.3	71.3	71.3	-	71.3	71.3	71.3	71.3	71.3		71.3	71.3	71.3
1		35.3	70.7		72.0	72.0	72.0				•	72.0	•	72.0		72.0	72.0
141		36.7	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
	-	38.7	74.7		76.0							0					76.0
141		38.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0		8	78.0	78.0	78.0
	-	39.3	76.7	80.0	80.0	0		80.0	6		0	0		0		80.0	
3000		41.3	82.7		84.0	84.0	84.0	*	84.0	;		84.0	84.0		84.0	84.0	84.0
		42.7	87.3	89.3				6			1000	6	89.3	6		89.3	
1 200		44.0	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	61.3	6116	91.3	91.3	91.3	91.3
		0.44	89.3	91.3	91.3		91.3		91.3		Lane.					61.3	
> 1500		0.44	90.0	92.7	92.7	92.7		92.7		5	CESHERN	92.7		5.		92.7	
		0.44	90.7	63.3	0.46	0.46	0.46	0.46		0.96	0.46	•	0.46	0.46	*	0.46	0.96
VI 100		44.0	92.0	0.96		97.3	97.3		8			0.86	8		98.0	98.0	
8		0.44	92.0	•	97.3	97.3	97.3			98.0		0.86	98.0	98.0	8	0.86	0.86
		0.44	92.0	96.0	98.7		99.3	100.001		0	100.0		00.00	0	100.00	•	
		0.94	92.0	•		6	66.3	100001	0.001	Service .	0	0		00.00	0	0	0000
% AI			92.0	96.0	98.7	66.3		100.001	100.0	100.0	100.0	100.00		0	0000	0000	
		0.44	92.0	0.96		66.3	66.9	100001	•	100.0	0.001	0	•	00.00	0	0.00	
4		0.44	92.0	96.0	98.7	99.3	99.3	100.001	100.0	100.0	100.0	100.00	100.00	00.00	100.00	0.00	0000
98 AI		0.44	92.0	•	98.7	99.3	6.66	0.001	0.001	0.001		0	•	00.00	0	0.00	0.00
		0.	42.0	20.0	199.	34.3	79.3	00001	000	100.0	0.001	00.00	00.00	000	00001	0000	
NA.	80	000	92.0	26.0	98.7	99.3	99.3	0000	000	0000	000	0000	000	000	0000	0000	000
1	1		2					2									

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TOTAL NUMBER OF OBSERVATIONS

150

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SOMS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

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NOURS (LS.T.) APR

CEILING																
(FEET)	5 1	۰ ۸۱	\$ AI	7 1	e Al	2 2%	122	¥1 Y1	VI 24.	-	% Al	* 11	Z AI	≥ 5/16	N AI	0 11
NO CEILING	28.7	59.	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65
2 20000	29.3	63.	67.3	69.3	69.3	66.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69
	30.0	64.		0.07	70.0	10.0	10.0	70.0	70.0	70.0	70.0	10.0	70.0	70.0	70.0	70.
14000	30.0		68.0	70.0		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.	20.
	30.0	04.		0.07		10.0		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.
1200	30.7	66.				72.7		72.7		72.7	72.7	72.7			72.7	72.
	32.0	68.	72.7	74.7	14.1	14.1	74.7	74.7	74.7	74.7	74.1	74.7	74.7	74.7	74.7	14.
88	32.0	68.	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	*
8 08	32.7	60	73.3	75.3	75.3	15.3	75.3	75.3	75.3	75.3	75.3	75,3	15.3	75.3	75.3	75.
300	32.7	70.0	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0		76.
1000	32.7	10.	14.0	16.0	16.0	16.0	16.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0		76.
900	34.7	73.	77.3	79.3	79.3	79.3				79.3	79.3	79.3	79.3	79.3	79.3	19.
	36.7	76.	80.7	82.7	82.7		82.7	82.7	82.7	82.7			82.7			
900	37.3		83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3		85.3	85.3	85.3	85.3	85.
1	38.0	80.	84.7	86.7	86.7	96.7	86.7	86.7	86.7	86.7				86.7	86.7	
3000	42.0	86.	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.
	44.0	88.	0.76	0.46	0.96	0.46	0.96	0.06		0.46	0.46	0.06	0.46	0.46	0.46	94.
200	44.0			0.96	0.96	0.96		96.7	96.7	7.96	96.7	1.96	96.7	96.7	96.7	96
	44.0	91.	95.3	97.3	97.3	97.3	0.86	0.86	0.86	98.0	98.0	98.0	98.0	98.0	98.0	98.
1 200	44.0	91.	7.96	98.7	7.86	7.86	99.3	6	99.3	6	99.3	99.3	99.3	99.3	99.3	.66
	44.0	91.	1.96	98.7	98.7	98.7	66.3	99.3	99.3	666	99.3	86.3	66.3	99.3	99.3	.66
100	44.0	91.	97.3	66.3	66.3	99.3	100.001	100.00	100.00	00001	100.0	100.0	100.0	100.0	100.0	100
	0.44		61.3	66.3	66.3	66.3	0000	00.00	0.00	0.00	100.0	100.0	100.0	100.0	100.0	001
8	44.0		97.3	8.66	66.3	99.3	100001		100.00	0.00	100.0	-	100.0	100.0	100.0	100
	0.44	91.3	97.3	60.3	66.3	99.3	100.00	00.00	00.00	0.001	100.0	0	100.0	100.0	100.0	001
8	44.0	91.3	97.3	66.3	66.66	99.31		100.00	100.00	0000	100.0	100.0	100.0	100.0	100.0	100
	0.44	91.3	97.3	66.3	66.3	66.3	0.001	0.00	00.00	0.00	100.0	100.0	100.0	100.0	100.0	100
8	44.0	-	97.3	66.3	66.3	99.3		100.00	100.001	0.001	100.0	100.0	100.0	100.0	100.0	100
	44.0		61.3	6.66	66.3	66.5	100.001	00.00	00.00	0.00	100.0	100.0	100.0	-	100.0	00
300	44.0		97.3	66.3	66.3	99.3	100001	100.00	100.00	0.00	100.0	100.0	100.0	100.0	•	100
8	0.44	91.3	67.3	6.99	66.3	99.3	0.001	00.00	0.001	0.00	100.0	0.001	0.001	0.001	100.0	000
			200	2002	44.0											

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

THE PERSON OF SALAS AND ASSESSMENT OF THE PERSON OF THE PE

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (LST)

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0

CEILING (FEET)		Company of the last						IBILITY (ST.		_						
	2	9	۶۰ ۸۱	A I	۳ ۸۱	17 2%	۲۰ ۱۸	۷۱ چ	7	- AI	% Al	*	Z NI	2 5/16	× ×	٨١
NO CEILING			11.3	72.7	72.1	500	73.3	73.3	73.3	73.3	73.3			3.	73.3	73.
> 20000			78.0	79.3	79.3	80.0	80.0	80.0		80.0	80.0	80.0	80.0		0	80.0
			78.0	79.3	79.3			80.0		80.0		80.0	80.0	0	80.0	80.0
141	46.7		78.0	79.3	79.3	0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0	80.0	80.0
			19.3	80.7	80.7	81.3		81.3		81.3	81.3	81.3	81.3	81.3	81.3	81.3
1200			80.0	81.3	81.3	82.0		82.0	82.0	82.0	82.0	82.0	92.0	82.0	82.0	82.0
			80.7	82.0	82.0	82.7		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
38			80.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
			80.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
141			80.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
			80.7	82.0	82.0	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
2000			85.3	86.7	85.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
			85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
141			89.3	40.7	7.06	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
			92.7	0.76	0.76	94.7	1.76	94.7	4.7	94.7	1.46	1.56	4.7	94.7	94.7	94.7
300			0.46	95.3	98.3	0.96	0.96	0.96	96.0	96.0	96.0	0.96	0.96	96.0	0.96	96.0
1			97.3	7.86	7.86	66.3	66.3	6.66	6.66	66.3	66.3		66.3		66.3	66.3
7000			0.86	86.3	86.3	100.00	00.00	100.001	100.001	0.001	100.00	100.00	100.0	100.0	100.00	000
				66.3	66.3	100.001	0.001	100.0	100.001	0.001	100.00	0000	0.001	100.0	0000	0000
1 71			0.86	99.3	99.3	100.001	0.001	100.001	100.001	100.0	100.001	100.00	100.0	100.0	100.001	0000
			0.85	6.66	66.3	100.001	0.001	100.0	100.001	0.001	100.00	0.001	0.001	100.0	0000	0000
9			98.0	86.3	99.3	100.001	10000	100.0	100.001	0.001	100.001	100.00	0.001	100.0	100.00	000
			98.0	66.3	66.3	100.00	0000	100.0	100.001	0.001	100.00	0.001	0.001	100,0	0000	000
8			98.0	66.3	99.3	100.001	0.001	100.00	100.001	100.0	100.001	00001	0.001	100.0	100.001	0000
			0.86	€ . 66		100.001	0.001	100.0	100.001	0.001	100.0	0.001	0.001	100.0	00.00	0000
8			0.86	99.3	66.3	100.001	00001	100.00	100.001	100.0	100.00	0.001	0000	100.0	100.00	00.00
			0.86	66.3	66.3	0.00	0.001	100.0	100.001	0000	100.00	0.001	0.001	100.0	0000	0000
8			98.0	86.3	99.3	100.001	100.0	100.00	100.001	100.0	100.001	00001	0.001	100.0	100.00	000
			98.0	63.3	66.3	0.00	0.001	100.0	100.0	0.001	100.0	0000	0.001	100.0	0000	000
8			0.86	66.3	99.3	10000	100.0	100.0	100.001	10000	100.00	0000	100.0	100.0	100.00	00.00
8	0000	63.3	0.86	66.3	66.3	0.00	0.00	0.001	0.001	0.001	0.001	0000	0.00	100.0	0.00	0000
٥			0.86	66.3	66.3	00.00	0.001	100.0	100.00	0000	0.001	0000	0001	100.0	0.001	8

TOTAL NUMBER OF OBSERVATIONS

150

0

0

0

050

SMOS DIRNAVOCEANMET

0

CEILING VERSUS VISIBILITY

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

YEARS PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS (LS.T. 16

APR

00.00100.0000.0000.00000 ٥ ١ 0.06 0.86 85.3 85.3 85.3 7.46 92.7 98.0 85.3 85.3 0.06 81.3 82.0 85.3 94.7 84.7 1006 92.7 0.86 82.0 85.3 85.3 85.3 0.06 94.7 85.3 85.3 85.3 85.3 A 82.0 85.3 81.3 85.3 7.26 0.86 84.7 0.06 7.56 1006 80.7 * 98.0 81.3 0.06 85.3 82.0 1.46 84.7 85.3 85.3 85.3 85.3 85.3 85.3 92.7 90.7 × N 88.3 82.0 90.0 90.0 90.0 90.0 85.3 81.3 98.0 98.0 98.0 80.7 85.3 92.7 85.3 85.3 85.3 90.7 7.46 VISIBILITY (STATUTE MILES) 81.3 85.3 7.06 80.7 85.3 92.7 94.7 94.7 Y 1% 85.3 82.0 82.0 85.3 92.7 80.7 90.7 85.3 85.3 85.3 98.0 81.3 80.7 84.7 92.7 94.7 98.7 99.3 99.3 99.3 99.3 7.06 98.0 0.06 85.3 85.3 85.3 65.3 92.7 94.1 84.7 85.3 85.3 0.06 0.86 81.3 82.0 85.3 85.3 85.3 1.76 1.06 7.26 84.7 ۸I 0.06 98.0 85.3 81.3 80.7 81.3 82.0 84.7 85.3 85.3 92.7 7.76 0.46 88.0 90.0 90.7 1 97.3 92.0 80.0 80.0 84.0 87.3 89.3 84.7 84.7 97.3 97.3 72.0 95.3 97.3 0.06 60.0 82.0 92.0 97.3 6.16 79.3 6.16 72.0 97.3 82.7 82.7 82.7 82.7 Al 0.2/ 0.27 0.99 72.0 72.0 72.0 72.0 72.0 72.0 67.3 12.0 12.0 61.3 68.7 62.7 56.7 NO CEILING 80 VI VI 00091 00000 (FEET) × 20000 Y 14000 VI VI 000 000 000 000 2000 2000 4500 3500 2000 1800 900 88 88 88 88 ALAI ALA ALAI AI AI ALAI AIAI AI AI AI AI ALAI AI AI

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0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

HOFFETT FIELD, CALIFORNIA

73-77

11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR HONTH 19 HOURS (L.S.T.)

	0 11 % 11	82.7 82.7	82.7 82.7	82.7 82.7	82.7 82.7	83.3 83.3	84.7 84.7	84.7 84.7	87.3 87.3	87.3 87.3	88.7 88.7	93.3 93.3	95.3 95.3	96.7 96.7	.3 9	99.3 99.3	100.0100.0	100.0010.001	100.0100.001	100.0010001	100.00100.001	100.0010.001	0.0010.001	100.00100.001	0.0010.001	100.0100.001	10.0	0.0010.001	000000000000000000000000000000000000000	100.0100.00	
	≥ ½ ≤ 5/16	12.7 82.7	12.7 02.	52.7 82.	52.7 82.	33.3 83.3	84.7 84.	34.7 84.1	87.3 87.3	87.3 87.3	88.7 88.	93.3 93.3	95.3 95.3	96.7 96.7	6.6	99.3 99.3	00.0010.00	00.0010.00	00.0100.00	0.0	0.01	0.0	0	00.00100.00			0	10.0	00.0100.00	0.0010.00	
	* AI	.7 82.7	.7 82.7	.7 82.7	.7 82.7	.3 83.3	1 84.7	.7 84.7	.3 87.3	.3 87.3	.7 88.7	.3 93.3		7.96 1.	€ 66 €	€ 66 €	.0100.01	.0100.010.	.0100.01	00	10000	.0100.01	10.0010.	.0100.01	10.0010.	0	10.0010.	.0100.01	00000	10.0	
ULES)	AI -	7 82.7 82	7 82.7 82	7 82.7 82	7 82.7 82	3 83.3 83	7 84.7 84	7 84.7 84	3 87.3 87	3 87.3 87	7 88.7 88	3 93.3 93	5.3	7 96.7 96	3 99.3 99	3 99.3 99	0100.0010	0100.0010	0100.0010	100001	100001	100.001	0100.0010	0100.0010	100.001	0100.0100	0.001	100001	0100.0010	100.001	
VISIBILITY (STATUTE MILES)	2 1% 2 1%	82.7 82.	82.7 82.	82.7 82.	82.7 82.	83.3 83.	84.7 84.	84.7 84.	87.3 87.	87.3 87.	88.7 88.	93.3 93.	er.	96.7 96.	.3 9	99.3 99.	.0010.	00.0000	.0010.	.00100.	.0010	.0100.	.00100	00.0000	.00100	0	.00100	.0010.	00.0100	0100	
NISIA	21/2 2 2	.7 82.7	.7 82.7	.7 82.7	.7 82.7	.3 63.3	7 84.7	.7 84.7	.3 87.3	.3 87.3	.7 88.7	.3 93.3	€ 96 €	7.96 7.	€ 66 €	.3 99.3	.0100.01	.0100.01	10.0010.	.0100.01	.0100.01	.0100.01	.0100.01	.0100.01	.0100.01	.0100.01	10.0010.	.0100.01	0100.01	0010	1
	2 2 2	17.3 77	82.7 82	82.7 82	82.7 82	83.3 83	84.7 84	84.7 84	87.3 87	87.3 87	88.7 88	93.3 93	95.3 95	1 96.7 96	99.3 99	66 E.66	0010.0010	100.0100	0010.0010	100.0100	100.0100	100.0100	0010.0010	100.0100	0.0	•	10.0	0.0	100.0100	0	
	1 2 2	2.7 82.7	2.7 82.7	2.7 82.7	12.7 82.7	3.3 83.3	4.7 84.7	4.7 84.7	17.3 87.3	7.3 87.3	18.7 88.7	3.3 93.3	5.3 95.3	16.7 96.7	19.3 99.3	19.3 99.3	0.0010.0	0.0010.00	0.0010.00	0.0010.0	10.	0.0010.0	10.	0.0010.0	10.	0.0010.0	10.	•	0.0100.0	10	
	% Al	3 81.3 82	00	8	8	8	8	8	8	8	8	6	6	3	6	6	0	6	6	6	6	6	6	6	6	6	6		00	0	-
CEILING	(FEF)	NO CEILING 52.7	≥ 18000 57.	16000	14000		≥ 10000 58 •	0006	9000	× 7000 59.	9009	> 8000 1	4500	* 4000 P 4	3500	> 3000 5	2500	2 2000 66.	1800	≥ 1500 66.	1200	≥ 1000 56.	906	N 800 66.	200	900	200	700	300 00	5	3

TOTAL NUMBER OF OBSERVATIONS

150

110

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA STATION MANE

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.5.7.) APR

188

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(REI)	5 7	٥ ٨١	N AI	7.1	۸I	1 2%	7	¥1 ¥	7 1%	ŽĮ.	% Al	*	N N	2 5/16	N N	٨١
NO CEILING	57.3	78.	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
Y 20000	60.0	81	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81,3	81.3	81.3
	0000	81.	81.3	81.3	81.3	61.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81,3	81.3
141	60.0	81.	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
	0000	81.	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
× 12000	60.7	82.	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	60.7	82.	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
98	60.7		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	00.7	83.	83.3	83.3	83.3	83.3	-	83.3	83.3	83.3	2000	83.3	83.3		83.3	83.3
141	60.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83,3	83.3	83.3	83.3	83,3	83.3	83.3
	60.7	83.3	83.3	83.3	83.3	63.3	83.3	83.3	83.3	83.3	83.3	83.3		83.3	83.3	83.3
900	61.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	62.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.1		86.7	86.7	86.7	86.7
100	62.7	88.	88.0	89.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
150	54.7	90.	40.1	7.06	90.7	7.06	1.06	90.7	40.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
3000	66.0		0.46	0.46	94.0	0.46	0.46	0.46	0.46	0.46	0.46	94.0	0.46	94.0	94.0	0.46
1	67.3	96.	1096	96.7	96.7	96.7	1.96	96.7	1.96	96.7	96.1	96.7		96.7		96.7
141	67.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	67.3	98.	48.7	98.7	98.7		98.7	98.7		98.7			98.7		486	98.7
1500	67.3		98.7	98.7	98.7	98.7	98.7		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	67.3	98.	98.7	1.86	1.86	98.7	1.86		4.86			-	98.7	98.1	98.7	98.7
N 1000	67.3	98.7	98.7	98.7	98.7	98.7	98.7		98.7		98.7	98.7	98.7	98.7	98.7	98.7
	67.3	98.7	18.1	98.7		78.7	98.7		98.7		98.7		78.7		78.7	98.7
008 AI	67.3	98.7	99.3	99.3	66.3	99.3	66.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	0.99	66.3	100.0	0.001	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	0.001	100.0
8	68.0	99.3	10000	10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00	100.0
	0.80		100.0	0.001	100.0	100.0	100.0	100.0	100.0		100.0	100.0	0.001	100.0	100.0	100.0
14	68.0		3100.01	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0
	68.0	66.3	0.001	0.001	100.0	100.0	100.0	0	100.0		100.0	•	100.0	100.0	0.001	100.0
1 200	68.0		10001	100.0	100.0	100.0	10000	100.0	100.0	100.0	100.0	100.0	0.001	100.0	100	100
	0.00		100.0	0.001	0.001	100.0	100.0	100.0	100.0	0.001	100.0	100.0	0000	100	0.001	000
٨١	68.0	99.3	100.001	10001	100.0	100.0	10000	100.0	100.0	100.0	100.0	10000	0.001	100.0	100.0	0001

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

150

0

0 0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

110

ALL HOURS (187) APR HONTH

CEILING							NISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEE)	2 4	o Al	8 41	4	41	2 2%	12	۷۱ ۲۲	¥1 Y	- AI	* 1	*	Z AI	≥ 5/16	AI Z	0 11
NO CEILING	47.1		10.9	71.4			71.5	71.5	71.5	71.5	+	71.5		71.5	71.5	71.5
> 20000	50.5	73.8	75.4	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
N 18000	50.3	73.9	75.5	76.0			76.1	76.1	76.1	76.1	76.					76.1
N 16000	50.3	74.0	75.6	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	50.4	74.3	15.8	76.3	76.3						76.4	76.4				76.4
> 12000	50.0	75.6	77.4	77.9	17.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	51.6	76.5	78.3	78.8		78.9		78.9	78.9	78.9	78.9		78.9	78.9		78.9
0006	51.6	76.5	78.3	78.8	78.8	78.9	78.9			78.9	78.9	78,9	78.9	•	78.9	78.9
	51.8	77.2	19.0	79.5		19.6		19.6	19.6	79.6				79.6		79.6
7000	51.9	77.4	79.3	79.8	19.8		79.8	79.8	79.8	79.8	79.8	79.8	19.8	79.8	79.8	19.8
	52.1	17.8	19.8	80.3	80.3		80.3	80.3			0	80.3	80.3	80.3	80.3	80.3
9006	54.3	80.7	82.6	83.1	83.1	83.2		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	55.6	83.1	85.0	85.5	85.5			85.6				85.6	85.6		30	85.6
8	56.6	85.4	87.3	87.8	87.8	87.9	87.9	87.9	87.9	87.9	-	87.9	87.9	87.9	87.9	87.9
	58.5	87.6	89.5	0.06			90.1	1.06	90.1	90.1	90.1		90.1	1.06	90.1	90.1
3000	59.0	90.2	92.2	92.7	92.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	92.8	95.8	92.8
	61.0	4.26	94.6	1.56			95.2	95.2	95.2	1227.20	95.2		95.2		95.2	95.2
7 2000	6	93.8	0.96	96.5	96.5	96.6		96.7		96.7	96.7	196.7		96.7	1.96	96.7
	61.7	64.3	96.4	6.96	6.96	•	97.1	97.1	97.1	97.1	-	97.1	97.1	97.1	97.1	97.1
1 1 300	61.7	94.8	97.2	7.16	7.76	97.8	94.6	97.8	97.8	97.8	97.8	97.8	97.8		2	97.8
	61.7	94.8	97.3	8.46	8.16	64.6	0.86	0.86		98.0	0.86	98.0		98.0	0.86	0.86
1000	61.7	95.2	97.8	98.5	98.5	98.6		98.8		98.8		98.8	98.8		98.8	98.8
	61.7	95.3	0.86	98.8		98.8	0.66	0.66		0.66	•		•	.6	0.66	0.66
8 Al	61.8	92.6	98.4	4.66	99.5	93.6	8.66	90.6	8.66	8.66	8.66	8.66	8.66	8.66	8.66	8.66
	61.9	95.8	98.6	9.66	4.66		6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66	6.66
8	61.0	98.8	98.7	1.66	8.66	99.8	100.00	100.00	100.00	100.0	100.0	100.0	100.0	100.00	100.001	0000
	61.9	92.8	1.86	1.66	8.66	9.66	0000	00.00	100.0	100.0	100.0	100.0	0000	100.0	0000	00.00
140	61.9	95.8	48.7	49.1	99.8	99.8	100.001	100.001	100.001	100.0	100.0	10000	100.0	100.00	100.00	0000
300	619		1.86	2.66	99.8	8.66	100001	0.001	100.0	100.0	100.0	10000	100.0	0.001	0.001	0000
1 30	61.9	95.8	1.86	1.66	99.6	99.66	0.00	00.00	100.0	100.0	100.0	10000	100.0	100.00	00.00	0000
8	6119		7.86	1.66	8.66	66	0.001	0000	100.0	100.0	100.0	0.001	0	100.00	0.00	000
	-	•	100	130	77.0	27.0	0000	00.00	0.001	100.0	2001	1000	100.0	10000	0.001	000

0

0

0

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

0

0

0

0

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAY

01 HOURS (1.5.T.)

0

CEITING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2 1	o Al	S AI	4	۲ Al	N 2 1/2	2 7	¥1 ¥1	71 71	- AI	*	* 1	Z AI	≥ 5/16	VI N	٨١
NO CEILING	51.0	73.6	73.	73.6		13.6	73.6			73.6		13.6	13.6	1		73.6
N 20000	51.6		000	15.5	75.5	•	75.5	13.5		•	5	•	•	15.	(2.5	13.5
	51.6			75.5	75.5	15.5	75.5	15.5	15.5	75.5	75.	15.5	75.5	75.5	75.5	75.5
N 16000	51.6			78.5	75.5		75.5	75.5	75.5		75.	75.5		75.	75.5	75.5
	51.6			75.5	75.5		75.5		75.5	75.5	75.			75.	75.5	75.5
> 12000	51.6			75.5	73.5	75.8	75.5	75.5	75.5	75.5	75.5	75.5		75.5	75.5	75.5
	51.6			75.5	75.5		75.5	75.5	75.5					75.	•	75.5
000	52.3			76.1	76.1	76.1	76.1			76.1	76.1	76.1		76.1		76.1
1	52.9			76.3	76.8		9		.0				9	76.	9	76.8
141	52.9			76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.	76.8	76.8
1	52.9		1	77.4	77.4	17.4			4.1			11.4		11.	77.4	77.4
9005	54.5			78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1	54.5		1	78.7				78.7	8	78.7	78.7	78.7	78.7	78.7	78.7	78.7
141	54.5			78.7	78.7	78.7	78.7	78.7	78.7			78.7	78.7		78.7	78.7
1	56.1			81.3	-	81.3		81.3	-	81.3	-	81.3	81.3	81.3	81.3	81.3
3000	56.1			81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1	50.1	t .	1	84.5	84.5	84.5		84.5	;	84.5		84.5	84.5	84.5	84.5	84.5
7 2000	57.4			87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1	37.4			87.1	87.1	1.78	87.1	87.1	87.1	87.1		87.1	87.1	87.1		87.1
1300	58.7			91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1	60.7		1	96.8	96.8	96.8			.0	96.8			96.8	96.8		8.96
000	61.3			98.1		96.1		98.1	98.1	98.1	98.1	98.1		98.1	98.1	98.1
	61.3	•		98.1			98.1	1.86	1.86		98.1	1.86		98.1	98.1	
8	61.3			4.66	4.66	4.66	4.66	4.66	4.66	4.66	99.4	4.66		4.66	4.66	4.66
	61.3		1	4:66			4.66	4.66				40.66			4.66	4.66
8	61.3			4.66	99.4	4.66		4.66	4.66	4.66	4.66	4.66	4.66	99.4	4.66	40.66
	61.3		1	4.66	4.66	4.66	90.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
8	61.3			10001	100.0	100.001		100.001	0	1000	100.0	100.0		d	100.0	1000
	01.3	•	1	0.001	100.0	100.001	100.0	100.0	0.001	100.0	100.0	100.0	0	-	100.0	100.0
38	61.3			10001	100.0	100.00	100.00	100.00	100.001	10000	100.0	100.0	100.0	10000	100.0	0000
91	61.3			0.001	100.0		0.001	100.0	0.001	1000	100.0	1000		10000	10000	0.001
٥	61.3	- 9		00001	100.0	100.00	10000	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

000

CEILING VERSUS VISIBILITY

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (L S.T.) MAN

		35	-	100	mm	mm	m m	00	00	8	10	-100		00	00	00	00
	٨١	8 6	0.0		20	200	22	22						000	00	000	000
		0 0	0 4	-	~~		22	77	2	~ 00	-	00	00	-	200	00	22
	7	8.4		9.7	2.3	2.3	2.5		3.6	6.8			8.7	000	000	000	000
	٨١	00	9 9	10						2 80		99	98	000	100	100	100
	5/16	41.		-0		4.	ww	0.0	0 .					00	00	000	00
	1 5	69	69		72	727	72	72	62	100		96	98	00	88	000	80
	2	31	2,	-0	3	3	3	00	90	3 50	-0			00	00	00	00
	AI	99	69	69	22	22	72	72	27	98	93	96	98	000	000	000	000
		41		-0	mm	mm	mm	00	0 00	00 10	-0	@		66	00	00	00
	*	69	6.6		200	22	22	22	0.4	16.			20 00	000	00	00	00
		47	9 9	70	20	mm	mm	00	000	20 50	20	99	~ ~	500	55	55	000
	*	00	00	6 -	200									00	000	000	
	~	00	0.0	0			1			- @	-	00	00	-		20	100
	-	4.	1.0	1.6	2.3	2.5	2 2 3	2.9	4.0	6.4	7.0	6.1	8 8	000	000	000	0.0
ES)	Al	69			22					2 8		66		00	00	00	001
MIL	11%	41		. 4		99		0.0	000	8 50		- 00		00	00	00	00
TUT	Al	89	69	60	22	72	22	72	42	76	9 6	96	98	88	88	000	80
VISIBILITY (STATUTE MILES	2	41	~ ~	- 0	w w	mm	9	00	0 00	00 100	- 0	0	~ ~	00	99	00	00
ILITY	¥1 Y	89		50	72	72	72	72	24	40		00	86	000	00	000	000
VISIB		41-		- 0	00	m m	m m	00	00	80 10	-0	20	~ ~	33	00	33	00
	N AI	69	69	69	22	22	22	22	2	36	93	96	98.	000	000	000	000
		41		-0	m m	m m	m m	00	0 80	20 10	-0			00	00	00	00
	27	00	00	The second	200	nin	200	200	m +	0 4			œ œ	00	00	000	00
	۸I	0 0	9 9	100	WW	W W	7		00	5 8	20		5.6		22	200	0010
	6	4.6	6		22									00	000	00	000
	Al	0 0	0 4	10	22					1 00	00	00	00	000	00	00	100
	+	**					. w	0.0	98		.00	-8		000	000	000	00
	Al	6.9	60		72	72	22	22	E 4	16		96	98	000	100	000	000
		31-		-0	40	44	30	0.0	0 00	. s.	1.0			00	00	00	00
	Al	900	69	69	72	22	22	22	22	36	93	96	98	100	00100	000	100
		41-	-	1.0	w w		w w	00	00	00 00	-0			00	68	80	60
	AI	89	69	69	72	22	72	72	5	9 4 8	93.	90	98	100	000	100.00	000
		œ -				3 3	* *	00	- 0		-						
	2	43.	47	7 10	48	20 to	48	40.	50.	52.	54.	56.	56.	56.	56.1	56.	56.
		-	-	4.4	- 4	4.4	4.4	- 4	4 10	41 41	4, 44	-, -,	21 21	X 141	2, 4,	** 41	
OZ	E	S S	16000	14000	0000	9000	9000	1500	3000	2500	900	1000	88	80	100	88	80
CEILING	JE .	NO CEILING	NI VI			NIVI 85				MAIN	100	MAI		MAIN	ALAI	ALAI	
		ž			A A	A A		7474	ATA								

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC















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155

TOTAL NUMBER OF OBSERVATIONS





NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

THE DESCRIPTION OF STREET, STR

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAY MONTH OT HOURS (1.5.T.)

VISIBILITY (STATUTE MILES)	Y Y Y Y Y Y Y Y Y Y	65.2 69.2 65.2 65.2 65.2 65.2 65.2 65.2 65.2	69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0	69.0 69.0 69.0 69.0 69.0 69.0 69.0 69.0	9 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.6	0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.69	9 0.69 0.69 0.69 0.69 0.69 0.69 0.69 0.6	9.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7 6	.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7	.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7	71.0 71.0 71.0 71.0 71.0 71.0 7	71.6 71.5 71.6 71.6 71.6 71.6 71.6 71.6 71.6	71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6	.3 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72	73.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6	.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74	77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4	80.0 80.0 80.0 80.0 80.0 80.0 80.0 80.0	83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9	.5 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84	.9 92.9 92.9 92.9 92.9 92.9 92.9 92.9 9	5.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5	.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1	.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98	99.4 99.4 99.4 99.4 99.4 99.4	39.4 39.4 39.4 39.4 39.4 39.4 39.4 39.4	100.0010.00100.0010.0010.0010.0010.0010.0010.001	010.010.0100.0100.0100.0100.0100.0100.0100.0010	100.0100.0100.0100.0100.0100.0100.0100.0100.01	010.0010.0010.0010.0010.0010.0010.	0100.0100.0100.0100.0100.0100.0100.0100.0100.0100	
	2 3 2%	.20 5.	0.69 0.69		9.0 69.	60	0	69.7 69.7			71.0 71.0	11 00	71.6 71.6	.3	73.6 73.6	18.			6.	84.5 84.5	92.9 92.9	95.5 95.5	98.1 98.1	98.1 98.1	*		100.0100.0	0	100.0100.0	0.0010.001	00000000	0.0010.001
	71	5 65.	4 69.	*	4 69.	0.69 4	0.69 4	1.69 0	0	0	3 71.0	F	0 71.6	6 72.3	9 73.6	8.47 5.	8 77.4	0.08 4	2 83.9	9 84.5	6.26 9.	2 95.5	8 98.1		8 99.4	8 99.4	8 99.4	9 66 8	9.66 8	8 99.4	8 99.4	2 44.4
	\$ Al	-	99	89	*	A	-	L.	-	69	-	-	-	-	_	-	~	-	-	-	-	-	-	-	-	-	-	-	-	88.4 96.	-	-
	2 1	-	•	-	-	-	8	10	00	0	-	-	-	-	~	-	0	0	1	-	-	0	-	1	-	0	2	-	3	32.3 8	-	•
CEILING	(FEET)	NO CEILING	> 20000		16000		12000		000	1160	141		906	1	1 41		300		7000		98		90		8		8	98	8	96 4	1 20	8 ^

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TOTAL NUMBER OF OBSERVATIONS

155

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MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAM

100

10 HOURS (1.8.7.)

CEILING		O CEILING 2		00091	1,000	7 12000	1000	2 000 1	9008	700	9009	9005	4500	4000	3500	300	2500	2000		1500	1200	0001	8	8 1	700	8	900	8	300	200	81	•
	0 4	23.9																														1
	o Al	69.0		71.0	71.0	72.3	72.9	72.9	72.9	74.2	74.2	74.2	74.2	76.8	78.7	81.3	84.5	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7		87.7		4 4
	2.5	74.2	76.	76.1	76.1	77.4	78.1	78.1	78.1	79.4	79.4	79.4	79.4	81.9	83.9	87.1	91.0	94.2	94.2	94.2	8.46	94.8	94.8	8.46	94.8	94.8	94.8	94.8	94.8	94.8	94.8	70
	VI 4	78.1	78.	78.1	78.1	79.4	80.0	80.0	80.0	81.3	81.3	81.3	81.3	83.9	85.8	89.0	92.9	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.3	96.8	96.8	40
	N AI	78.7	80.	80.7	80.7	81.9	82.6	82.6	82.6	83.9	83.9	83.9	83.9	86.5	88.4	91.6	95.5	98.7	98.7	98.7	7.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	7 00
	2 2%	19.4	E 18	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	64.5	87.1	89.0	92.3	96.1	4.66		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	200
VIS	1 2	79.4	1	8	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1	89.0		96.1	4.66	4.66	99.4	100.0	100.0	10000	10000	100.0	100.0	10000	100.0	100.0	100.0	100.0	0
HBILITY (ST	٧١ ٧٢	79.4	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1	89.0	92.3	96.1	99.4		99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-
VISIBILITY (STATUTE MILES)	YI XI	19.4	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1	89.0	92.3	96.1	4.66	4.66	4.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4
ES)	1	79.4	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1	89.0	92.3	1	4.66		99.4	10000	100.0	100.0	10000	100.0	10000	100.0	100.0	100.0	100.0	100.0	4
	% Al	4.64	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1		92.3	1.96	4.66	4.66	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	000
ā	*	19.4	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.3	84.5	84.5	84.5	87.1	89.0	92.3	1.96	4.66	4.66	99.4	10000	10000	100.0	10000	100.0	100.0	100.0	10000	100.0	10000	100.0	0000
	N %	19.4	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1		92.3	1006	4.66	4.66	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	000
	≥ 5/16	81.3	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1		92.3		4.66		4066	10000	100.0	10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	4
	NI N	19.4	81.8	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1	89.0	92.3	96.1	4.66	4.66	99.4	10000	100.0	100.0	100.0	100.0	100.0	10000	100.0	10000	100.0	100.0	000
	O Al	79.4	81.3	81.3	81.3	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	87.1	89.0	92.3	96.1	99.4	4.66	99.4	100.0	10001	100.0	100.0	100.0	1000	1000	100.0	100.0	100.0	1000	0

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155

TOTAL NUMBER OF OBSERVATIONS

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MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAY HONTH

13 HOURS (1.5.7.)

(FEET)								VISIBILITY (STATUTE MILES)		(69)						
	5	41	\$ 4	71	N AI	> 2%	7 7	71	¥1 ¥1	<u></u>	AI X	*	AI 2	2 5/16	% Al	٨١
NO CEILING	-	78.1	82.	84.5		84.5		84.5		84.	5 84.	84.	5 84.	5 84.	5 84.5	84.
> 20000	W	81.3		88.4	88.4	88.4		88.4	88.4	88.4	4 88.	4 88.	4 88.	4 88.4	4 88 4	88.4
		81.3	86.	88.4				88.4		88.4	88	*	4 88.		4 88 4	88.4
00091 1	43.9	81.3	86.	88.4	88.4	4.88		88.4	88.4	88.4	4 88.	*	4 88.		4 88 4	88.4
	43.9	81.3		89.0	89.0		6	89.0			0 89.	0		6	89.	89.0
17000	43.9	81.3	- line	89.0	89.0	89.0	89.0	89.0			0 89.	0 89.	.68 0		0 88.0	89.0
Thum.	44.5	81.9	1	89.7	89.7	0	6	89.7	6		89	7 8		6	89	89.
8	44.5	81.9		89.7	89.7	89.7	89.7		89.7	89.	7 89.	1 8	7 89.	7 89.	7 89.7	89.7
	44.5	81.9		89.7		89.7	0	89.7	89.7	89.	5	-	7 89.	6		89.
700	44.5	81.9	- Deliver	89.7	89.7	89.7		89.7	89.7	89.	7 89.	~	7 89.	7	7 89.7	89.7
	44.5	81.9		89.7	0	89.7	6	89.7	89.7		89	-	0	7 89.	_	89.
900	45.2	82.6	-	90.3	90.3	0	8.06	90.3	90.3	90.3		0	3 90.	3 90.		90.3
	47.1	85.8	.76	94.2	3	*	2.46	2.46	94.2	*	2 94.	. 96 2	. 94 .	. 76	94.	2.46
7 4000	4.8.4	87.1	0	95.5	2				95.5	2		0	5 95.	95.	95.	95.5
	0.65	88.4	. 76	8.96		•	8.96	8.96	96.8	. 9		20	8 96.	96		8 9 9 6
3000	49.7	89.0	95.5	3	97.4	97.4		97.4	97.4		97	*	6	4 97.4		97.4
1	40.1	91.0	97.4	100.0	100.001	10.001		00.00	0.00	100	5100.	0010	0010	0010	0100.0	100
7 2000	49.7	91.0	97.4	0	100.001	00.00	0	00.00	0000	100	-	0000	0100	0010	100	100
	49.7	91.0	97.4	100		100.00	0	00.00	0000	100	-	0010	0100	0100	-	100.0
1500	49.7	91.0	97.4	0	0	100.00	6	00.00	100.0	100.	0010	0100	0100	0010		100
	49.7	91.0	97.4	0	0	10.001	0		00.00	100	100	0100	.0010	0100	-	100
900	49.7	-	97.4	0	0	00.00	0.	00.00	0000	100	-	0100	0010	100	100	1000
	49.7	-	97.4	0.0		10.001		00.00	0.00	100	0010	0100	0010	0100	0.0010	100
8	49.7	91.0	97.4	0.0	100.001	100.00	00.00	00.00	0000	100	0100	0010		0010	100	100
	49.7	-	97.4	C	0	10.00	10.		0.00	100	-		0		100	100
8	49.7	-	97.4	0.0	100.001	100.00	0.	00.00	0000	0	0010	0010	0100	100	0,0010	100
	49.7	91.0		0	100001	10.00		00.00		1001	0010	0010	100	0100.0		100
8	49.7	:		100.001		00.00	00.00			100.0	0100	0		100	-	1000
88	49.7	91.0	97.6	100.0	100.001	10.001	00.00	000	0.001	100.001	0100	0100	0100	00100	0.0010	100.0
	49.7	÷.		100.0	100001	10000	0000	00.00			0010	0000	0010	0	0100.0	100
	1.4.	-	444	0.001	10001	0001	000	00.0	000	100	0010	0070	30.0	0100	00010	001

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TOTAL NUMBER OF OBSERVATIONS

MAN

16 HOURS (1.5.T.)

PERCENTAGE (FROM I

CEILING VERSUS VISIBILITY

ATIONS
BSERV
HOURLY OBSERVATIONS

	٨١	87.	89.	89.	89.	90.	6	92.	92.	92.	93.	. 76	;	95.	96	97.	98.	66	00	00	00	00	00	00	8	00	00	000		88	000	3
	N N	87.7	89.7	89.7	89.7	90.3	91.0	92.3	92.3	65.6	93.6	94.2	2.46	95.5	96.1	97.4	98.7	4.66	10000	100.00	100.001	100.001	10000	00.001	0000	100.0	00001	000		000	0000	2
	≥ 5/16	87.7	89.7	89.7	89.7	0	91.0	92.3	92.3	92.9	93.6	34.5	94.2	95.5	96.1	97.4	98.7	4.66	100.0	100.0	100.0	100.0	0	100.0		100.0	100.0	000		100.0	100.0	2000
	% Al	87.7	89.7	89.7	89.7	90.3	91.0	92.3	92.3		93.6	2.46	94.2		1.96		98.7	7.66	1000	0.001	100.0	0.001	100.0	0000	0.001	0.001	0000	000	2	100	1000	2000
	*	87.7	89.7	89.7	89.7	06			10000	92.	0	0	94.2	95.5	96.1	6	98.7	7.66	10000	1.00.0	1000	100.0	100.0	-	100	0.001	•	000		100	100.0	2
	AI	87.7	89.7	1 89.7	1 89.7	-06	91.0	1 92.3	1 92.3	•	•		94.5	95.5		4.76	1 98.7	4.66	-	-	-	-	-	100	-	-	-	000		100	100.0	
ILES)	Ä	1 87.7	89.1	1 89.7	1 89.7	ò	91.0	1 92.3						1 95.5		97.4	1 98.7	7.66	1000.0	0	•	0	100	0	ċ	10000	0	0000		000	10000	2001
VISIBILITY (STATUTE MILES)	YI 71	7 87.7	7 89.7	7 89.	7 89.7		0 91.0	3 92.3	3 92.3	92.	6 93.6		2 94.2	0	1 96.1	4 97.4	7 98.7	7.66 1	0000	•	0000	•	100		-	0000	0000	0010		0010	00000	201
ISIBILITY (٧١ ٪	7 87.	7 89.	7 89.	7 89.	€ 80.	91.		3 92.	2.	3.	. 94.	2 94.	3	6		7 98.						0		•	0	•	0000		0010	0010	200
,	7 2	7 87.	7 89.		7 89.	5	0 91.	3 92.	3 92.	.26 6	6 93.	2 94.	2 94.	\$ 95.		4 97.	7 98.	.66 4	0010	0100	0100	0100	0100	0010	0100	0100	0010	0010	000	0100	0100	0000
	Y 2%	7 87.	7 89.	7 89.	7 89.	3 90.	0 91.	3 92.	3 92.	6 92.	6 93.	2 94.	2 94.	5 95.	1 96.	4 97.	7 98.	66 9	0100.	0100.	0100.	0010	0010	0010	0010	0100	0010	00100	200	0100	0100	• • • • • • • • • • • • • • • • • • • •
	K AI	7 87.	7 89.	7 89.	7 89.	3 90.	0 91.	3 92.	3 92.	9 92.	6 93.	2 94.	2 94.	5 95.	1 96.	4 97.	7 98.	4 99.	0100	0100	0100	0100	0100	0100	0010	0100	0100	0010	200	0100	0100	
	AI .	7 87.	7 89.	.7 89.	.7 89.	.3 90 €	0 91.	.3 92.	.3 92.	.9 92.	6 93.	.2 94.	2 94.	5 95.	1 96.	4 97.	.7 98.	66 4	0100	0100	0100	0100	0100		0100.	0100	0100	010	300	000	0100	240
	8 1 9				.5 8	6 1.		6 0.	6 0.	.7		0	0	9.		6 9.			.5	.51	3	16.	. 510	16.	. 31	016.			1		5100	•
	01	0	8 86	8 86	8 86	4 87	4 87	68 1	68 1	68 4	2 80	-	~	-	0	7 93	1 6	1 94	2 95	1 95	1 95	1 95	1 95	56 1	-	-	1 95	1 95	000	4 62	1 95	-
	AI	2																				8							T		000	٦
CERLING	(FEE)		> 20000		× 16000		× 12000	1000	000 AI		7000	1	2000		141	1	300		1 200		1500		V 1000	200		V 78		NI A	1	8 8 AI AI	80	

TOTAL NUMBER OF OBSERVATIONS

0

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA













































MOFFETT FIELD, CALIFORNIA

23244

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

NAY NONTH 19 HOURS (LS.T.)

9101

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

				_					_	_			_					_					_				
		-6			. 0	9.1	1.2	2	.2		3	-	4.	-:		*	4.	*	0	0	•	20		0	0	00	00
	ΛI	92	6	0	92	6	6	6	6	20	9	96	6	86	96	66	66	6	8	8		200	8	001	8	8	00
	7	-10		9 6	20	9.	.2	.2	2	0 9	0 00	-	4	7	-	4	4	4	0	0	0	0	0	0	0	00	00
	Al	92	26	20	92	66	96	96	56	5 0	96	96	16	86	86	66	66	66	8	8	200	00	8	00	8	000	888
	9		20 0	ח רי	0	0	2	~	~	0 0	0 00	-	3	-	-	*	*	*	0	0	50	0	0	0	0	00	00
	≥ 5/16	87	26	200	300	63	46	56	36	4 0	36	96	16	98	86	66		66	8	0	3 6	00	00	00	8	000	000
			m r	0 4	0	0	2	~	~	0 0	2 00	-	*	-	-	4	*		6	0	5 6	0	6	0	6	00	600
	N %	37.	25	3	35	3	34.	34		5 4	3	9	-	8	8	6	6	66	ġ.	2	3 8	Ö	Š	6	0	000	20
		-16	m 1	7 1	10	0	2	2	2	D 00	3 00	-	*	-	-	*	4	4	3	3	0 0	0	0	6	0	00	00
	*	87.	25	2 6	50	3	*		:	-			:	8		0	. 06	*	00	ė.	3	0	0	0	0	000	000
		30	000	2	0	9	2	2	2	0 2	2 20	6	5	0	6	0 4	5	5	3	0	100	010	010	6	50	010	500
	N N	2.	2	3	: .	3.			:	:	,		-	8	8	6	6	6	0	0		0	0	0	0	00	00
		00	00	0	0	0	6	0	0	0	6	0	6	0	6	0	0		0	9		0	3	5	3	010	55
	-	- 2	2	2 6	5.0	3.6	4.3	4.5				9	7.6	-	8	4.6	9.6	9.6		•		•		0.0	0	0.0	000
LES)		00	00	0	. 0	0	0	9	0	> 0	0		0	0		ò					9			01	0	0	00
IE MI	177	7.1	2.3	200	. 6	9.0	2	1.2	.2		9		*	:		*	1	4.	0	0	•		0	00	0:	000	000
VISIBILITY (STATUTE MILES)	ΛI	00	00	0	. 6	0	5	6	5	òò		96	0	8	6	66	_		ŏ	001		001	100	001	ŏ	ŏ	00
Y (SI	174	- 6			.0	9.	. 2	. 2	2.		. 00	-	4.	7.		4.	. 4	3.	0	0			0	0.		0.0	00
BILT	ΑI	92	92	20	92	66	94	6	5	. 0	96	96	9	96	86	6	66	66	8	8			8	8	8	000	88
VIS	7				10		. 2	.2	~	0 0	2 00	-	3.	-		4.	*	3	•	0	•	0	0	0	0	00	00
	Al	92	26	20	92	93	96	36	76	*	3 6	96	10	98	96	66	66	66	0	00	000	0	00	00	00	000	000
	21%		90		0	0	. 2	7	~	0 00	200	-:	4	7	-	4.	*	4	0	0	2 6	0	0	6	5	00	60
	VI V	92	26	200	92	6	34	36	36	30	76	96	16	86	86	66		66	8	00	36	000	00	00	8	000	88
			30	0	10	0	.2	~	~	0 4	2 00	7	4	7	-	*	*	*	9	0	3 6	ō	0	6	9	00	66
	VI S	57	26	760	35	66	46	36	*	4 6	96	96	16	96	86	66		66		0	9	00	8	00	00	000	000
			en e	7 1	10	0	2	~	~	0 a	2 00	-	4	-	-	4	3	4	0	0	3 6	10	6	0	6	00	00
	AI.	92	200	20	35	66	94	*		*	7	90	6	98.	98	66	0	66	8	0	9	00	00	00	8	000	00
		5 87.1	m 0	2 4	00	0	2	2	7	0 0	2 20	-	*	-	-	*	*	3	8	0	3 6	0	8	6	등	00	500
	N Al	32.	25	20	50	3			:	:			-	8.	8.		6	6	0	o e	200	0	è	0	0	100	1000
		50	0	0 4	m	0	9	0	0	NO	40	1 10	100	4	-	-	-	2	-	ĕ	-		4	ĕ	4100	7	2.3
	Al	986.																8				6	6	6		60	99.
					All the same	1	Sept.	the land	Land I		05/12/		100	8		1	-			200		2 00		-		00 00	
	2	69	3.2			3	3.	3			. ,	5.5	5.6	5.	3	3.5	3.	3.				5	5.	3.	5.		65.
	AI	00	9 4	0	•	0.	0	9 .	0	0 0	0	•	0	•	0	•	0	0	0	0	9 0	0	•	0	0	0 0	00
9	•	CEILING 2000	88	3	88	0000	8	9000	8	9009	3 3	1000	8	3000	8	2000	8	1500	1200	8	88	1	38	8	8	380	80
CEILING	FEE	O CEILIN	18000		1200		433										1								IVI	AIA	
		₽ ^I		"	AT AT	AI	^1	^1		ALA	1	11 11		1 11		1 11	٨١	^'	٨١	^'	۸۱۸	"	11 11			~ ~	I AIAI

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TOTAL NUMBER OF OBSERVATIONS

155

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CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAM

22 HOURS (1.5.7.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2 1	o Al	8 41	4	K 41	> 2%	7	× × ×	¥1 V	-	% AI	* 1	N Z	2 5/16	VI 74	AI AI
NO CEILING	59.4	84.8	5 83.2	84.5	83.2	84.5	83.2	89.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.
1		84.5	4 200			84.5			3	84.5		. 4				84.
9091	0	84.5		84.5	84.5	84.5		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.
	0	84.5	-	84.5	84.5	84.5	*	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.
12000	0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.
1000	0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.
98	-	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
1 32	500	87.7	87.7	87.7	87.7	87.7		87.7		87.7	87.7	87.7	87.7	87.7	87.7	8.7.
7000	3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
100	3	87.7	87.7	87.7	87.7	87.7		87.7		87.7	87.7		87.7	87.7	87.7	87.
900	3	88.4	88.4	88.4	88.4	4.88	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.
	0	89.7	89.7	89.7	89.7	89.7	89.7	89.7		89.7		89.7	89.7	89.7		89.
807	0	89.7	89.7	89.7	89.7	89.7	0	89.7		89.7	89.7	89.7	89.7	89.7	89.7	89.
	0	800	6006		6.06	90.3	6.06			90.3	90.3	8003	90.3	90.3	6006	90.
3000	9	90.3	90.3	80.3			90.3		90.3		90.3	90.3	90.3		8006	
	2	65.3	92.3	2.	92.3	92.3	2.		65.3	92.3	N	92.3	5.	92.3	92.3	92.
7 2000	N	65.6	6.26	92.9	92.9		6.26		65.6	65.6			92.9	92.9	6.26	92.
1	N	94.2	34.5	34.2	2.46	94.2		2.46		94.2		2.46		34.5		. 56
1200	N	96.8	96.8	96.8	8.96	96.8	8.96	90.8	8.96	8.96	96.8	. 9	96.8	96.8	96.8	96
	0	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	99.
90	0	100.001	00.00	00.00	100.0	100.001		100.00	100.00	0.001	100.0	100.0		100.001	0.00	100
	63.9	100.001	00.00	0.00	0.001	100.001	100001	100.00	0.00	0000	100.0	100.0	100.0	100.00	0000	00
8	63.9	ò	00.00	00.00	100.00	100.001		100.00	00.00	00001	100.0		100.00	100.001	0000	001
	63.9	0	00.00	0.00	0.001	100.001	0000	100.00	00.00	0.00	100.0	100.0	100.0	0.00	0000	00
8	63.6	0	100.00	00.00	100.00	100.001	100.001	100.00	100.00	00001	100.0	100.0	100.0	100.001	00.00	00
	63.6	0	100.00	0.00	100.0	100.001	0000	00.001	00.00	0.001	100.0	0.001	0.001	0.001	0000	00
8	63.6	0	00.00	00.00	100.00	100.001	100.001	100.00	00.00	0.001	100.0	100.0	100.00	100.001	0000	001
	63.6	0	00.00		0.001	100.01	0.00	0	0.00	0.00	100.0	0.001	0.001	00.00	0000	001
200	63.6	o	00.00	0.00	100.0	100.001	100.00	100.00	100.00	100.0	100.0	10000	100.0	100.00	0000	00
80	6.89	400	0.00	0.001	0.001	100.001	0000	00.00	0.001	0.001	100.0	00000	0.001	0.001	0000	000
1	:	5	0000	000	2000	20001	0.00	2000	200	2000	2000	2000	2	0000	2000	200

TOTAL NUMBER OF OBSERVATIONS







































MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) MAY

CEILING							VISIA	BILITY (STA	VISIBILITY (STATUTE MILES	(\$						
(FEET)	2	o Al	** **I	4	e Al	2 2%	2 4	71 %1	¥1 VI	-	% Al	*	7	≥ 5/16	N NI	٥
O CEILING	45.	75.2	1:	78.2		18.6		18.6	8	60		8	8	8	8	78.6
> 20000	*00	77.8	80.3	80.9	81.2	61.3	61.3	81.3	-	81.3		-	:	=	81.3	81.3
	40.0	17.8	80.3	80.9	81.2	61.3	-	81.3	-	-		81.3	:	81.3	-	81.3
2 16000	40.0	77.8	80.3	80.9	81.2	81.3	81.3	81.3	81.3	81.3		81.3	81.3	-	81.3	81.3
1	40.7	17.9	80.5	81.1	81.4		-	81.5	-	-		81.5	-		-	81.5
7 12000	40.9	78.6	81.2	81.8	82.1	62.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	47.2	79.3	81.9	82.4	82.1		2.	82.8	2.	2.		85.8	2.		2.	85.8
900	47.3	79.5	82.1	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	47.6	19.8	82.3	82.9			83.3	83.3	3.	3.	83.3	83.3		83.3		83.3
7000	47.7	80.2	82.7	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7		83.7	83.7
1	47.8	80.5	83.1	83.6		0.49	84.0	84.0			84.0	84.0			84.0	84.0
900	48.1	80.8	83.4	84.0	;	84.4				84.4		84.4	84.4	*	84.4	84.4
	48.6	81.6	84.4	84.9	5	65.3		85.3	5	5		85.3		3.		85.3
141	40.64	82.5	85.2	85.3	86.1	86.2	86.2	86.2			86.2	86.2			86.2	86.2
1	6.65	83.9	:	87.2	-			-				-	-			87.6
3000	50.4	85.1	87.9	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	51.1	86.9		9.06	0					-		-	:	-		91.0
7000	51.7	89.3		93.0	93.3	43.4		93.4			93.4	93.4	3			43.4
	51.9	6.68		93.6		0.46				*		•		4		0.46
1300	52.3	92.3	95.5	96.3	96.5	96.6		90.96			9.96	96.96		.0	96.0	96.6
	52.6	0.96		1.86		98.5						5.86	8	00	98.5	98.5
1000	52.7	9.46	0.86	98.7	0.66	99.1	1.66	1.66		1.66		99.1	6	99.1	99.1	99.1
	52.7	8.46	:	0.66		7.66		4.66		6	4.66	4.66	6		4.66	4.66
8	52.7	95.0	:	66.3	:	99.7						2.66	6	6	1.66	
	52.7	95.2	3.	4.		8.66						6	6	8.66		8.66
8	52.7	95.2	98.0	4.	:	6.66					6.66		6	6	6.66	
	52.7	98.5	98.6	4.66	8.66	6.66	6.66	6.66	6				6	6.66		6.66
1 40	52.7	95.2	•	99.5	99.91	00.00		00.00		00.00	00.00	00.00	0	100.00	0000	0.001
88	52.7	200	96.0	0.00	66.66	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	0000	0000
	100%	2006	:	2000	77.7	000	0000	000	0000	000	0	2	0.00	0000	0000	000
80	52.7	95.2	98.0	99.00	99.91	000	0000	000	000	000	000	0000	000	00.00	000	0000
	1	1	1	1			1	1		1	1		1			

TOTAL NUMBER OF OBSERVATIONS

1240

0 0

DIRNAVOCEANMET SMOS

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOUTH NO

NOURS (LS.T.)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILE	(S)						
(FEET)	0 AI	•	SS AI	* Al	e Al	≥ 2%	2 4	VI 72	¥1 Y	-	% Al	*	N %	≥ 5/16	N N	O AI
O CEILING	*	69.3	10.0	10.0	70.0	10.0	70.0	10.0		10.0	70.0	0.07	0.0	10.0	10.0	10.0
7 20000	-		30.5	13.3	13.5	13.3	13.3	13.3	13.3	13.5	13.0	13.3	13.3	13.3	13.3	13.3
2 18000	0		1000		2000	1000	9.0		9 .	13.5	10.0	3000	3000	1000	000	13.5
	0.0	-	13.3	13.3	13.3	13.3	13.3	13.3	(3.3	13.3	13.3	13.3	13.3	13.3	(3.3	13.3
	46.0	M	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	•	73.3	73.3
≥ 12000	46.7		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	14.0	74.0	74.0
	46.7	.,	14.0	74.0	74.0	•	74.0	14.0	0.4			14.0	14.0	14.0	14.0	74.0
0006 A	46.7		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	14.0	74.0	74.0	74.0	74.0	74.0
	47.3	-	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7		14.7	74.7	14.7	74.7	74.7
7000	48.0	-	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	48.0	-	76.7	76.7	76.7	16.1	76.7	76.1	76.7	16.7		1601	1001	16.7	16.7	76.7
9000	48.0	-	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	70.7	76.7	76.7	76.7
	48.0	3	76.7	76.7	76.7	16.1	76.7	76.7	16.7	16.1	16.1	1601	16.7	16.1	16.7	76.7
7 4000	48.0	9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
-	48.7		77.3	77.3		17.3	77.3	77.3	77.3			17.3	11.3	77.3	17.3	77.3
3000		-	79.3	79.3	79.3	19.3	79.3	79.3	79.3	19.3	19.3	19.3	79.3	19.3	19.3	79.3
		-	80.7			100	80.7	80.7		80.7		200	80.7	80.7	80.7	80.7
7 2000		-	82.7	82.7	82.7	82.7		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
		3	84.7	84.7	84.1	84.7	84.7	84.7		84.7	84.1		84.7	84.7	84.7	84.7
≥ 1500	•	9	200.1	2.06	1.06	90.7	2006	40.4	1.06	0	2.06	20.1	20.1	1006	•	40.1
			•		. 4	•	*			. 4		0.46	0.46	0.56		0.46
N 1000		245	0.86	98.0	98.0	98.0	98.0	0.96	0.86	98.0	98.0	0.86	0.86	98.0	0.86	98.0
		0	1.86	98.7		98.7	7.86	1.86	8	18.4	1.86	1.86		98.7	1.86	186
008 ×			66.3	99.3	66.3	86.3	6.66	66.3	6.66	66.3	66.3	66.3		66.3	66.3	66.3
			0.00	0.001	0.001	0.001	100.001	00.00	10.00	0000	•	00.00	0	10.001	00.00	0000
909		643	00.00	100.001	100.0	10000	100.001	100.001	00.00	00.00	00.00	00.00	00.00	00.00	00.00	0000
La.		-	0000	0.001	100.0	100.0	100.001	100.00		00.00	•	0.00	10.001	10.00		0000
V 400			0.00	10001	100.0	100.0	100.001	100.00	00.00	00.00	•	00.00	100.00	00.00	•	00.00
300		99.3	0.00	0.001	0.001	0.001	100.0	100.00	00.00		00.00	00.00		00.00	00.00	0000
			•	100.00	100.0	100.0	100.0	00.001	00.00	00.00	00.00	00.00	00.00	00.00	00.00	000
91 81	20.00		10000	0000	0.001	100.0	10000	00.00	00.00	00.00	•	00.00	000		0000	000
	-	99.3	0.00	100.00	100.0	100.0	10001	100.001	00.00	0000	00.00	00.00	00.00	00.00	00.00	0000

TOTAL NUMBER OF OBSERVATIONS

150

0

0

0

DIRNAVOCEANMET SMOS

















































MOFFETT FIELD, CALIFORNIA

0

0

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST.) NON WENON

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

0

0

0

0

NON

07 HOURS (L S.T.)

		m	~	-	~	0	0	-	2	m	m	m	0	0	0	-	•	-	m	0	m	2	0	m	0	0	0	0	0	0	2	20
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		3	-	-	-	0	0	-	m	m	m	10	0	0	0	-	3	-	e	3	3	3	0	3	0	0	0	0	0	0	> 0	00
	VI	53	000	90	90	29	62	62	63	63	63	63		99	64	99	65	12.	5	6	87	63	98	66	00	00	00	00	00	000	5 6	8
	•	-	-	-	~	0	0	-	m	m	•	m	0	0	0	-	m	-	•	m	m	~	0	3	6	0	0	0	0	0	5 6	0
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	N N	3	0	0	0	7	3	7		3	3				;		3	5.	-	6	2	3	8		00	0	00	0	0	00		
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VISIBILITY (STATUTE MILES)	4	0	-	-	-	0	0	-	•	m	3	3	0	0	0	-	m	-	3	3	3	3	0	3	9	0	9	0	0	0	5	00
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	Al	53	60	9	60	20	62	29	63	63	63	69	94		99	99	65	2	7	19	87	63	98	66	00	00	00	00	00	00	3	00
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			-	-	-	0	0	-	9		2		0	0	0	-	3	-	63		0		3		7	-	-	-	7	-		-
	Al	23	9	00	9	29	29	29	63	23	63	23	*	*	40	40	22	7.5	1	61	87	26	6	86	8	36	8	9	86	200	3 6	96
			0	0	0	-	<u>m</u>	0	-		-	-	<u>m</u>	6	0	0	-	0	-	-	0	3	<u>m</u>	0	0	0	0	0	0	0 0	5 6	20
	41					:	:	2	5.	3.	5	5:	3	3.	3		;	3.	•		•	1.	3	. 9	•			•	•	.0		
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9	•	CEILING	8	8	8	8	8	8	0006	8	2000	8	2000	8	4000	8	3000	8	2000	8	1500	8	1000	8	800	8	9	8	8	98	3	80
CEILING	TEE .	S	20		16000		12000	1000				AL.									3.3											
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TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

23244 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (LST) NON

CNIII							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	9	9 11	N A1	1	E AI	Y 2%	2 1	¥1 Y	V 1 %	- 1	% Al	₩ Al	Z AI	≥ 5/16	× Al	٨١
NO CEILING		63.3	75.3	76.0	77.3	17.3	77.3	77.3	77.3	77.3	11.3	77.3	11.3	77.3	17.3	77.3
2 20000		68.0	80.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	1 82.7	82.7
		69.3	82.6	1 82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0		84.0	84.0	84.0	84.0
141		69.3	82.0	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
		71.3	84.0	84.7	86.0	0.00	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	0.98	86.0
7 12000		71.3	84.0	1 84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
		72.0	84.	85.3	86.7	86.7		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
9	30.7	72.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	1 86.7	86.7
110		72.0	84.	85.3	86.7	86.7		86.7	86.7	86.7	86.7	86.7	26.7	86.7	86.7	86.7
1 1		72.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	1 86.7	86.7
		72.0	84.	85.3	86.7		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.	86.7	86.7
1 A		73.3	86.0	1 86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
		73.3	86.0	1 86.7	88.0	88.0	88.0	0.88	8	88.0	88.0		88.0	88.0	88.0	88.0
141		74.0	86.7	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	7.88 7	88.7
		76.0	88.	89.3	90.7	1006	4006	40.1	7.06	90.7	90.7	1006	400	90.1	1006	40.7
300		78.7	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	1 93.3	93.3
		80.7	93.3	0.46	95.3		95.3		95.3	98.3	95.3	95.3	95.3	95.3	1 95.3	95.3
2000		83.3	96.0	97.3	98.7	98.7	98.7	48.7	98.7	98.7	98.7	98.7	98.7	98.1	1 98.7	98.7
		84.0	96.	98.0	66.3		86.3	66.3	66.66	66.3	66.3		66.3		6.66	99.3
1500	35.3	84.0	96.7	0.86	66.3	66.3	66.3	99.3	99.3	99.3	99.3	86.3	99.3	99.3	1 99.3	99.3
		84.7	97.3	1 98.7	100.0	100.001	100.001	00.00	0.001	100.0	100.0	100.0	0.001	100.0	-	0.001
90		84.7	97.3	1 98.7	100.0	100.00	100.001	100.00	0.001	100.0	100.0	10000	000	100.0	-	0000
		84.7	97.3	1 98.7	100.0	0	100.001		0.00	100.0	100.0	100.0	100.0	100.0	001	0000
8		84.7	97.3	1 98.7	100.0	100.00	100.001	100.00	100.0	10000	100.0	100.0	100.0	100.0	10000	0000
		84.7	07.	1 98.7	100.0	100.001	100.001	00.00	0000	100.0	100.0	100.0	100.0	100.0	0.0010	0000
8		84.7	97.3	1 98.7	100.00	100.001	100.001	0	0.001	10000	100.0	10000	100.0	100.0	0.001	0000
		84.7	97.3	1 98.7	100.0	100.0	100.001		0.001	100.0	100.0	100.0	100.0	100.0	0.0010	0000
8		84.7	97.3	1 98.7	100.0	100.00	100.001	Trans.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0000
8		84.7	97.	98.7	100.0	100.0	100.00		0.001	0.001	100.0	0.001	0000	0001	10000	0.00
				100	0.001	100.00	0.001	00.00	0000	100.0	0.001	0 000	0.00	100.0	0.001	0000
8.	35.3	84.7	97.3	98.7	100.0	100.001	100.00	00.00	0000	0000	0000	000	0000	000	0.001	000
				100	1000	2001	0.001	00.0	200	2001	2001	200	2000	-001	2000	200

0

0

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

0

150

0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STI

13 HOURS (1.5.7.)

W W W W W W W W W W W W W W W W W W W	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	** ** ** ** ** ** ** ** ** ** ** ** **	*** P. **	VISIBILITY (STATUTE MILES) 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PS 2 2 4 2 3 2 2 2 2 13 2 2 2 2 2 13 2 2 2 2 2 2	VISIBILITY (STATUTE MILES) 10	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
91.3 91.3 91.3 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0	91.3 91.3 91.3 91.3 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7	91.3 91.3 91.3 91.8 91.9 91.9 91.3 91.3 91.3 91.3 91.3 91.3	91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3	91.3 91.3 91.3 91.8 91.9 91.9 91.3 91.3 91.3 91.3 91.3 91.3	91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3	91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3	91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3	88 - 7 86 - 7 86 - 7 86 - 7 88 - 7 82 - 7 92	88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7	## 21 22% 22 21% 21% 21% 21% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2% 2%
-m		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.	3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.	VISIBILITY (STATUTE MILES) 2 2% 22 2 1% 2 1% 2 1% 2 1% 2 1% 2 1%	1 22% 22 2 1% 2 1% 2 2 2 2 2 3 4 4 4 4 4 4 4 4 4	22% 22 21% 21% 21 2% 2%	visibility (Statute Miles) - 2 2h
	**************************************	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 94 7 94 7 94 7 94 7 94 7 94 7 94 7 94	*** P2 P1%	*** PS P P P P P P P P P	VISIBILITY (STATUTE MILES) 1. 2. 2 134 2 14 2 14 2 1 2 4 2 4 2 4 2 4 2 4 2 4	** P2 P1% P1% P1% P1 P2% P2% P2% P3% P3% P3% P3% P3% P3% P3% P3% P3% P3	**************************************

CEILING VERSUS VISIBILITY

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO I

16 HOURS (1.5.7.)

TOTAL NUMBER OF OBSERVATIONS

150

0

SWOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

23244

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON

E

19 HOURS (1.5.T.)

	0 11	0.88 0	3 93.3	3 93.3	3 93.3	1 94.7	7 96.7	3 97.3	3 97.3		_	0.86 0	_	0.86 0	0.86 0	_	0.0010	-	0.0010	-	0.0010	0.0010	0.0010	0.0010	-	0.0010	0.0010	0.0010	0.0010	0.0010	-	0.0010	0.0010
	AI		93.	93.	93.	94.	96	97.	97.	8			98.0	98.	98.	98.	100	0			100		100		•	•	100	100	100	100	100	•	100
	≥ 5/16	8	93.3	93.3	93.3	94.7	7.96	97.3	97.3	8	8	0.86	98.0	98.0	98.0	98.0	0	0		0000		0000	0000	0000	0000	0000	0000	0000	0000	0000	0	0	0000
	% Al	8	93.3	93.3	93.3	1:46	100	97.3	97.3	8	98.0		98.0	0.86	98.0	0.86	00.00		0000	0	00.00		00.00		00.00	0000	00.00	0.00	00.00	00.00	00.00		00.00
	*	88.0	63.3	63.3	63.3	1.56	1.96	97.3	97.3		98.0	8	0.86	0.86	0.86	0.86	10.00		10.00	10.00	10.00		00.00	10.00	0000		00.00	10.00	00.00	00 00	00.00	10.00	00.00
	*	8	63.3	93.3	63.3	1.46	1.96	97.3	97.3		0.86		0.86	0.86	0.86	0.86	00.00	0.0	0	_	00.00	0.0	9	00.00	00.00	10.00	00.00	10.00	00.00	00.00	00.00	10.00	00.00
(6	-		93.3	.3	_	4.7	1.96	97.3	6.16		0.86	8	98.0	0.86	0.86	0.86	00.00	10.0	0.	10.	0.0	0	10.00	10.00	10.00	10.00	0000	10.00	00.00	10.00	00.00		0000
VISIBILITY (STATUTE MILES	¥1 Y	8	93.3		93.3	4.7	10.96	97.3	97.3				0.86			0.86	00.00	0	0	-	10.00	10.0	0	10.00	00.00		00.00	10.00	00.00	00.00	00.00	•	00.00
ILITY (STA)	71 8	88.0	63.3	93.3	93.3	7.96	1.96	97.3	17.3	0.8	_	0.86	0.86	0.86	0.86	0.86	00.00	.01	0.	-	00.00	0.	0.0	0.01	.01	10.	00.00	10.00	00.00	10.00	00.00	0	00.00
VISIB	7 2	8.0		3.3	3.3	_	7.96	97.3	97.3	0.	0.8	8.0		0		0	0	00.00	0.0	00.00	-	10.	.0	-	0.00	10.00	00.00	10.00	00.00	0.00	0.00	-	00.00
	2 2%	8.0	3.3	93.3	3.3	74.7	7.96	6.76	<u>m</u>	8.0	0.8		8.0	0.86	8.0	0.86	00.01	10.0	00.00	00.01	00.00	-	00.00	00.01	00.01	10.00	00.00	10.00	00.01	00.01	00.00	.0	00.00
	e Al	8.0	36	3.3	3.3	14.7		17.3	17.3	98.0	0	0.86	98.0		0.86	8.0	00.01	-	0.	00.00	00.00	00.01	00.00	00.01	00.01	30.01	00.00	00.01	00.00	0.00	20.01	10.0	00.01
	7 1	0.8	3.3	13.3 9	13.3 9	14.7	6.7 9	17.3	7.3	18.0	9.0.8	0.86	98.0	8.0	0.86	0.86	00.01	-	10.	10.0	0	10.0	10.	10.	00.01	100.001	00.00	0.01	0	00.00	00.00	10.0	00.00
	8 4	6	33.3 9	13.3 9	3.3 9	1.00	7000	7.3	7.3	0.8	98.0	0	0	0	0	0	6	0	5	0	6	0	등	6	6	0	0	10.	6	0	0.	10.	0
	9 AI	10				ю	0			100	97.3 9	200	60	100	m	100	63	200	99.3100	19.310	99.310	99.3100	39.310	19.310	39.310	19.310	99.310		-	99.316		0016.66	
	2 1	-	-	-	•	0	-	0	0	0	6 0.49	0	0	0	O	0	-	-	m	-	-	-	0	-	9		~	7			.3	6.	
CEILING		-	20000	18000	16000	2,000	V 12000	00001	9 000		200	0009	0005	7600	9 0007	3500	3000		2000		N 1500		1000	8	008	200	9 11	900	9		200	81 4	

O

0

150

1

0

0

0

TOTAL NUMBER OF OBSERVATIONS

0

0

0

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.5.7.) NONTH

OFO

	0 1	9	VI	4	N AI	12%	% Al	72	YI	-	% Al	*	Z Al	≥ 5/16	NI NI	O Al
CEILING	0	77.3	78.0	78.0	78.0	78.0	78.0		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
20000	-	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
18000	-	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
16000	-	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
14000	0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
12000	O	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
10000	0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
9006	-	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
9000	0	86.0	86.7	86.7	86.7	86.7	No.		86.7	86.7				86.7	86.7	86.7
2000	7	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
9009	O	86.7	87.3	87.3	87.3	87.3	87.3	87.3		87.3	87.3	87.3	:		-	87.3
2000	0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
4500	O	86.7	87.3	87.3	87.3	87.3	87.3	87.3		87.3	87.3	87.3	87.3	87.3	87.3	87.3
900	0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
3500	-	87.3	88.0	88.0	88.0		88.0	88.0	88.0				88.0		88.0	
3000	0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	10000	88.7	88.7	88.7	8	88.7	88.7	88.7
2500	-	0.06	2006	1.06	1.06	1006	4006	40.4		90.7	90.7			90.7	90.7	1006
2000	m	93.3	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	94.0	0.46	0.46	0.46
1800	0	93.3	0.96	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.96	0.46	0.46	0.46	0.46
1300	0	0.96	1.96	1.96		96.7	1.96	1.96	96.7	7.96	1.96	96.7	•	96.7	96.7	96.7
1200	-	0.86		1.86	1.86	98.7	1.86	98.7					186	98.7		98.7
1000	0	99.31	00.01	00.00	00.00		00.00	00.00	0.00	0000	100.0	100.0	0		:	
98	-	99.3	0	100001	00.00	0.0	0	0.001	0.00	0.0	100.0	100.0	100.0	100.0		0000
900	3	99.3	.0	100.001	00.00	00.00	00.00	00.00	0.00	100.0	100.0	100.0			:	00.00
700	3	86.3	0.	10.00	•	0.	100001			0.0		-			•	00.00
900	0	99.3	0		0.0	0.0		00.0	•	0.0	100.0	100	0	100.0	:	00.00
300	-	66.3	.0	0.0	0.0	0.		0	0	0.0		100.0	0	0000		00.00
400	3	99.3		0.0	0.0	0	:			0.0	•	100.0	0	:	•	0000
88	59.3	99.3100		00.00	0000	000	0000	0000	000	000	100.0	100.0	0000	1000	0000	00.00
8	-	66.3				00.0					0.001	0.001	0	100.0	0.001	000
•	0	99.3	00.00	00.00	00.00	00.00	0000		0	2						

TOTAL NUMBER OF OBSERVATIONS

150

0

0 0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON

ALL HOURS (1 S T.)

43.8 75.4 75.3 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4	CEILING					•		VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
CEILING 42.0 72.3 75.1 75.3 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4	(FEET)		Y 1935 -	J. J. Strain	10 1 1 1 1 V				71 71	¥1 VI	- AI	% AI	*	Z AI	≥ 5/16	VI VI	0 1
20000 43.8 76.4 79.7 79.8 80.0 80.0 80.0 16000 45.8 76.4 79.7 79.8 80.0 80.0 80.0 80.0 80.0 45.8 76.4 79.7 79.8 80.0 80.0 80.0 80.0 46.8 77.6 80.8 81.8 81.2 81.2 81.2 81.2 81.2 81.2 81	NO CEILING	42.0	72.3	13.1						15.4		15.4	15.4	15.4	75.4	15.4	75.4
18000	≥ 20000	43.8	76.1	79.3		•		•	79.7	79.7	79.7			79.7	79.7	79.7	79.7
12000 44.8 77.6 89.8 81.0 81.2 81.2 81.2 81.2 81.8 81.9 82.4 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6	V 18000	43.8	16.4						80.0	•	80.0	0		80.0	80.0		80.0
12000	00091 X	43.8	76.4					0	80.0	80.0		•				80.0	80.0
10000 45.0 78.5 81.8 81.9 82.1 82.1 82.1 82.1 82.0 45.0 78.0 82.1 82.5 82.4 82.6 82.6 82.6 45.2 79.0 82.3 82.4 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9		44.3	17.6		-			81.2		81.2	81.2	81.2					
10000 45.0 78.8 82.1 82.5 82.4 82.5 82.6 83.8		44.8	78.5		81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
45.2 79.0 82.3 82.4 82.6 82.9 83.8 <td< td=""><td></td><td>45.0</td><td>78.8</td><td>82.1</td><td>82.3</td><td></td><td></td><td></td><td>82.4</td><td>82.4</td><td>82.4</td><td>82.4</td><td>2.</td><td>82.4</td><td>82.4</td><td>82.4</td><td>82.4</td></td<>		45.0	78.8	82.1	82.3				82.4	82.4	82.4	82.4	2.	82.4	82.4	82.4	82.4
2500 45.4 79.5 82.6 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9		45.2	79.0	82.3	82.4				82.6	82.6	82.6	82.6	82.6	82.6		82.6	82.6
7000 45.6 79.5 82.8 82.9 83.1 83.1 83.1 83.1 83.1 2000 45.6 83.6 83.5 83.5 83.5 83.5 83.5 83.5 83.5 83.5		45.3	79.3		85.8	82.9		82.9	82.9	82.9	82.9	82.9	85.9	82.9	82.9	82.9	82.9
2500 45.6 79.8 83.2 83.3 83.5 83.5 83.5 83.5 83.5 83.5 83.5		48.4	79.5	•	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2500 45.6 80.2 83.4 83.6 83.8 83.8 83.8 83.8 83.8 83.8 83.8	100	45.6	19.9		83.3	83.5	63.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
45.00 45.7 80.3 83.5 83.7 83.8 83.6 83.6 83.8 83.8 83.8 84.1 84.1 84.1 84.1 84.1 84.1 84.1 84		45.6	80.2		83.6		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
45.9 80.5 83.8 83.9 84.1 84.1 84.1 84.1 3300 47.4 82.8 86.1 86.3 86.4 86.9 84.9 84.9 84.9 84.9 84.9 84.9 84.9 84		45.7	80.3		83.7	83.8	83.6		83.8	83.8	83.8	83.6	83.8	83.8	83.8	83.8	83.8
3500 46.7 81.3 84.6 84.8 84.9 84.9 84.9 84.9 80.0 47.4 82.8 86.1 86.3 86.4 86.4 86.4 86.4 86.4 86.4 86.4 86.4		45.9	80.5		83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
2500 48.5 85.1 88.3 86.4 86.4 86.4 86.4 86.4 25.0 48.5 85.1 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88			81.3				84.9		84.9	84.9	84.9			84.9	84.9	84.9	84.9
2000 48.5 85.1 88.5 88.7 88.7 88.7 88.7 2000 49.4 87.0 90.3 90.5 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7		41.4	82.8				86.4		86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
2000 49.4 87.0 90.3 90.5 90.7 90.7 90.7 1800 49.8 87.0 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5		48.5	85.1			88.7	88.7		88.7	88.7	88.7	88.7		88.7	88.7	88.7	88.7
1800 49.8 87.8 91.1 91.3 91.5 91.5 91.5 91.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5		40.64	87.0		0	1.06	90.7		90.7	90.7		90.7	90.7	90.7	90.7	40.4	7.06
1200 50.4 91.0 94.5 94.6 95.0 95.0 95.0 1200 51.0 94.5 98.8 96.8 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1		49.8	87.8				-	5.16	91.5	91.5	91.5	6116	6116		91.5	91.5	91.5
1200 50.8 92.8 96.5 96.8 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1		50.4	91.0	94.5	3.46		•	93.0	95.0	95.0	95.0	95.0	95.0	95.0		95.0	95.0
200 51.0 94.8 98.8 99.0 99.0 99.0 99.0 58.0 99.0 58.0 51.0 94.8 98.8 99.5 99.5 99.5 99.8 99.8 99.8 99		50.8	95.8		8.96	97.1		97.1	97.1	97.1	97.1	97.1			97.1	97.1	97.1
200 51.0 94.8 98.8 99.3 99.5 99.5 99.5 39.5 39.5 39.5 39.5		51.0	94.5		98.8				0.66	0.66	0.66	0.66	0.66	•	0.66	0.66	0.66
200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01		51.0	8.96		6.66			30.66		60.66	66.6		6		66.6	99.5	99.5
200 51.0 95.2 99.2 99.7100.0100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.0100.01		51.0	95.0		99.8	8.66		0	99.8	8.66	8.66	8.66	8.66	8.66	99.8	99.8	99.8
200 51.0 95.2 99.2 99.7100.0100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01		21.0	39.5	•	1.66			100.001	100.00	0000	0	0.001	0		0	0.001	0.00
300 51.0 95.2 99.2 99.7100.0100.0100.01 300 51.0 95.2 99.2 99.7100.0100.0100.01 300 51.0 95.2 99.2 99.7100.0100.0100.01 300 51.0 95.2 99.2 99.7100.0100.0100.01 300 51.0 95.2 99.2 99.7100.0100.0100.01		51.0	95.2		1.66	100.00		100.001	6	100.00	100.0	100.00		0000	0	100.0	0000
300 51.0 95.2 99.2 99.7100.0100.0100.01 300 51.0 95.2 99.2 99.7100.0100.0100.01 100 51.0 95.2 99.2 99.7100.0100.0100.01 0 51.0 95.2 99.2 99.7100.0100.0100.01		21.0	2.56	•				0.00		0.001	0	0.001		0.001	100.0	0000	0000
200 51.0 95.2 99.2 99.7100.0100.0100.01 200 51.0 95.2 99.2 99.7100.0100.0100.01 100 51.0 95.2 99.2 99.7100.0100.0100.01		51.0	95.2			100.001		100001	100.00	100.00	100.0	100.00	ò	0000	100	100.0	0000
200 51.0 95.2 99.2 99.7100.0100.0100.01 100 51.0 95.2 99.2 99.7100.0100.0100.01		21.0	2.56	2.66		0.001	•	0	0	0.001	0	0.001		0.001	100	0.001	0.001
0 51.0 95.2 99.2 99.7100.0100.0100.01		21.0	95.5	99.5		•		0	0	00.00	0	•	00.0	00.0	•	•	0000
010.0010.0011.99. 1200.0100.010		~ .	2.56	7.66				•	00.00	00.00	0.001	000		0.00			000
		~	2004	73.6		0.001	0.001	0.001	100.00	0000	0.001	100	0000	000	0.001	0.001	0000

0

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TOTAL NUMBER OF OBSERVATIONS

1200

0

0 0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNI

0

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

OI HOURS (LS.T.)

0.0010.0010.0010.00 100.010 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.01 100.010 ٨١ 76.1 16.1 76.1 76.1 76.1 78.7 80.0 94.2 75.5 76.1 84.5 76.1 76.1 76.1 76.1 78.7 76.1 76.1 76.1 90.3 78.7 94.2 76.1 76.1 76.1 76.1 76.1 2 94.2 72.9 76.1 74.2 76.1 76.1 80.0 76.1 78.7 * 34.5 78.7 80.0 74.2 76.1 76.1 % 11 76.1 77.4 80.0 76.1 78.7 76.1 74.2 76.1 76.1 84.5 94.2 76.1 76.1 76.1 <u>-</u> VISIBILITY (STATUTE MILES) 76.1 76.1 76.1 80.0 90.3 34.5 76.1 76.1 76.1 78.7 84.5 76.1 76.1 7 1% 76.1 76.1 76.1 80.0 76.1 76.1 80.0 74.2 100 78.7 90.3 76.1 76.1 76.1 76.1 76.1 76.1 7 94.2 84.5 76.1 78.7 90.3 76.1 76.1 76.1 16.1 98.7100.0100.0100.0100.0 Y 2% 75.5 80.0 94.2 74.2 76.1 76.1 76.1 78.7 84.5 76.1 76.1 76.1 76.1 76.1 90.3 ۸I 94.2 78.7 74.2 76.1 76.1 76.1 AI 74.2 76.1 84.5 76.1 78.7 76.1 93.6 94.2 N 75.5 75.5 78.1 76.8 50.3 50.3 52.3 56.8 50.3 50.3 50.3 95.9 52.9 56.1 50.3 NO CEILING VI VI 00091 00091 3000 (FEET) 1200 VI VI 000 000 000 000 2000 88 88 9 0 0 0 0 0 200 1500 98 88

999

0

ALAI

TOTAL NUMBER OF OBSERVATIONS

155

0

7

80

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

90 MOURS (1 S T) JUS HELD

		00	00	0 4	200	200	22	20	20	77	mN	41	m +	00	00	00	00
	٨١	61.	19	19	63.	65.	65.	65.	65.	64.	0:	19.	25.	000	000	000	000
		00	00	0 4		100	22	20	20		20	4 6	4 4	000	000	000	010
	AI X	-	-	-	m m	9 5	90	900	30	-0	0+		35	000	800	00	00
		00	9 0	0 4	0.0		00	0 0	00	00	7	- 80	00	-	-	-	22
	5/16		5	100	3.5	5.2	5.2		3.2	-6	6.4	9.4		0.0	0.0	000	000
	AI	00	00				00	00	00	00	25	49	92	000	000	000	000
	2	0.6	0.0			200	200		22		. ·		4.	00		00	00
	Al	00	9	63	6.0		55	65	65	69	54	89	92	88	88	800	000
	*	00	0.0	0.0	20	22	22	200	200		20	* 1	m 4	00	00	00	00
	AI	55	19	19	in w	20	63	63	63	190		68	92	000	000	000	000
		00	00	0.0	NN	NN	N	NN	22		mN	41-	m 4	55	55	66	60
	AI %	19 5	5	50	63	55	65	65	65	69	0.4	39.	75	000	800	000	000
	-	00	00	0 0			NN	-	-		m N	41	W 4	00	66	000	000
	- AI						50				04	00	200	00	00	00	00
ILES)		00	-		00	-	00	00	00	00	-	- 00	00	20	20	22	20
VISIBILITY (STATUTE MILES)	7	6.1	6.0	6.	3.5	5.5	5.2		5.5		4.2	9.6	6.7	000			000
TATU	AI	00	0 0	00	00		00	00	0 0	00	==	- 80	00	20	00	000	000
Y (S1	7.	0.0	0.0	0. 5					1			* 1.		000			000
BILIT	AI	9 3	24	23	69		65	65	65	00		89	92	80	000	80	000
VIS	7	0.0	0.0	0.4	No	200	22	22	~~		3	41	w 4	00			
	Al	9	19	150	63	000	65	6 50	6 5	200	64	80	92	000	000	88	000
		0.0	00	0.0	NN	NN	NN	NN	NN		m N	31	m 4	99	66	66	00
	1 2%	19	19	100			000	65	65	69	0.5	68	92	000	000	000	000
		00	00		20	NN	NN	NN		77	mN	41	m +	00	00	00	00
	M AI	61.	=	-	m m	200	20.00	500	50	- 6	04	00	72	00	00	00	00
		00	00	6 4	200	200	20	20	20	00	10 N	41	w &	010	010	010	010
	AI	-:	-		-		3.0	9 60	3.50	- 6	0 4	0.0	~-	00	0000	000	000
		00					00	00	00	00		- 0	00	22	-	-	00
	•	6.1	60			2.5	• •	-		6:		4:		000	0.0	000	000
	Al					6 6							00	100	100	010	100
				20	0.0	200		30		-0				96.1			
	Al	2 2	52	50	620	64.5	40	9 9	9 9	69	73	18	93	96	96	96	96.1100
						00			-			50		200			mm
	2	39	39	30	9 4	24	44	4 4	44	4 4	4 9	40	4 64	20			00
		0				-											
CEILING	E	D CEILING	18000	14000	900	200	900	4500	3500	2500	1500	1200	88	88	88	88	80
	=	2 4	AIA			OF STREET			1		ALAI	AIAI	ALAI	ALAI	MAI	MAIA	ALAL
		14			1		100 E										

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TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MOFFETT FIELD, CALIFORNIA

0

100

07 HOURS (1.5.T.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
	01 41	9 1	\$ 1	4	E AI	≥ 2%	Y 2	×1 ×	×1 ×	- 41	% Al	*	V X	91/5 ≥	N NI	٨١
NO CEILING	15.5			55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
× 20000	15.5			56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1		56.1	56.1
	15.5			56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	1.05	56.1	56.1	56.1
0009L A	15.5			56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1		56.1	56.1
	15.5			56.8	56.8	•	56.8	\$6.8	56.8	56.8	56.8	56.8		•	56.8	56.8
> 12000	15.5			56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
1000	15.5			57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
900	15.5			57.4	57.4	57.4	57.4	37.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	15.5			57.4	57.4	57.4	57.4	97.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
141	15.5			57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	15.5			57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
9006	15.5			58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
	15.5			58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1		58.1	58.1	58.1	58.1
909 1 Al	15.5			58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
	16.1			59.4	\$9.4	39.4	59.4	59.4	59.4	59.4	59.4			59.4	59.4	59.4
3000	16.8			0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	60.0	0.09	0.09	0.09
	18.1		.29	62.6		3		62.6	62.6	2	2.	2	95.79	2.		62.6
1 2000	18.7			63.9	63.9		63.9	3		100	63.9				63.8	
	20.0			65.8	65.8	65.8	8.59	65.8	•	65.8	65.6	65.8	65.8	65.8	65.8	65.8
1300	21.9				71.0		71.0		71.0	71.0	71.0		71.0		71.0	
	23.9			81.3	81.9	81.9	•		81.9		:	-	:	81.9		81.9
1000	24.5			91.0	6.26		6.26	92.9		65.6	95.9	92.9	65.6		92.9	92.9
	24.5		91.	*		1.96	1.96	1.96		96.1			1.96	1096	1.96	96.1
88 AI	24.5			96.8	4.66			4.66	99.4	4.66	4.66	4.66		4.66	4.66	4.66
	54.5			97.4	00.00	100.001	0.00	00.00	100.00	0.00	0.001	00001	0	0000	0.00	0.00
8	24.5			4.16	100.00	100.001	100.00	100.00	100.001	0.001	100.0	100.0	0	100.0		0000
	54.5			97.4	0.001	100.00	10.00	00.00	100.00	0000	0.001	0000	0.001	100.0	0000	0000
1 400	24.5			97.4	100.001	100.001	00.00	00.00	100.00	0.00	0000	100.0	0000	100.00	-	0000
8	24.5			4.10	0.001	0000	10000	00.00	0.001	0.00	0000	0.001	0000	100.0	0.00	0000
	2000				000	0001	000	000	0000	0000	200	000	000	1000	3	0000
80	24.5	82.0	94.2	07.4	000	000	0.00	000	0.00	000	000	000	000	000	000	000
1					2		200		2	2						

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TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

23244

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (LST.) JOH MAN

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	٨١	86.5	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	91.6	93.6	33.6	94.8	96.8	18.7	0000	0.00	0000	0000	000	0.00	000		000	0.00	0.0
	× 1	6.5	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	4.8	0	0.	89.0	1.6	93.6	3.6				0	0.	0	0	0	0	0.00	5	0	10.0	00.00
	2 5/16	86.5		7.7	7.7	1.1	88.4	8.4	8.4	8.4	8.4	8.4	0	0.	0.6	1.6	3.6	3.6	00	-	1.	10.0	0	10.0	0.0	10.0	1000			0	10.0	00.00
	Z Al	86.5		87.7	87.7	87.7	4.88	*	*	4.	*	*	0	0	0.68	9.1	93.6	9.	8	6.9	1.	0	00.00	10.0	0	0	000	0.00		0	10.00	00.00
	*	86.5	87.7	87.7	87.7		88.4		88.4		88.4		89.0	0 . 69	89.0	-	93.6	93.6	*	8.96	8.7	10.0	.0	10.0	0	0.0	0 6	000		6		00.00
	*	86.5	87.7	87.7	87.7	87.7	88.4	88.4	88.4		88.4	88.4	0.68	89.0	89.0	91.6	93.6		8.46	8.96	7.86	00.00	00.00	10.00	00.00	00.00	•				00.00	00.00
(S)	Ā	86.5	-	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	0.68	89.0	89.0	91.6	93.6	93.6				0	00.00	ċ	0	0	0	000	3		_	00.00
VISIBILITY (STATUTE MILES)	¥1 ¥	86.5	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	0.68		93.6	93.6	94.8		98.7	0	00.00	10.00	•	00.00	•	300		:	00.00	00.00
IBILITY (ST.	V 1%	86.5	87.7	87.7	87.7	Commercial	88.4	88.4	88.4	88.4	88.4	88.4	89.0	0.68	89.0		93.6		94.8	96.6	98.7	100.00			0	00.00	5		50		0	00.00
SIV.	Al	86.5	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0				3.46	96.8	98.7		100001	100.0			•	0.00			0.001	0.001
	1 2%	86.5	87.7	87.7	87.7	87.7	88.4		4.88		88.4	8	89.0	89.0	0.68	-		93.6	;	96.8	98.7	0	10000				000				100.0	100.0
	M AI	86.5	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4		89.0	89.0	89.0	91.6	93.6	93.6	8.46	96.8	68.7		100.0			100.0	•	0001			0.001	100.0
	4	3	86.5	86.	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.7	87.7	87.7	90.3	92.3	92.3	93.6	99.5	97.4		98.7		98.7	7.86	1004	200	OR	98.7		98.7
		91.		1000		82.		83.								1							-		9.					94.2	1	
	AI						110		1		-	Sauce.				1		_								83.2	2000		_	83.2	83.2	83.2
	2	22.	23.	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.5	23.2	23.9	53.9	23.9	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1		27.1	2	27.1		27.1	27.1	27.1
CEILING		D CEILING	≥ 20000	N 18000	16000	7 14000	≥ 12000	10000	0006		7000		2000	4500	0007 1		3000		2000		2 1590		000 ×	006 ~	88	82		88		8 8 14 14		

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TOTAL NUMBER OF OBSERVATIONS

155

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SOMS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.5.T.) 100

200

		2.	-	7	-	-	8	7	7	-	-	7	1.		-	3.	*	3	*	4	0	0	0	0	0	0	c	0	0	0		0
	AI	76	96	96	96	96	96	86	86	86	86	86	86	86	98	66	66	66	66	66	00	00	8	00	8	00	8	8	8	8	38	00
	%	2.	-	7	7	7	8	7	-	7.	7	7		1.		4.	*	4	4	*	0	0	0	0	0	0	0	0	0	0	5	0
	Al	76	96	96	96	96	96	86	86	86	98	86	98	96	86	66	6	66	66	66	8	00	0	8	00	00	8	00	8	000	36	100
	5/16	2.	-	7	-	-	8	7	-:	7	-	-	1.		-	4	4	3	4	4	0	0	0	0	0	0	0	0	0	0	5	0
	1 %	46	96	96	96	96	96	86	86	86	86	86	86	86	86	66	66	66	66	66	8	00	00	00	8	00	8	00	00	00		80
	22	2	-	7	-	7	20	-	-	-	-	-	-		~	3	*	3	4	*	0	0	5	0	0	0	9	0	0	0	5 6	6
	AI	34	96	96	96	96	96	86	86	96	86	86	86	86	96	66	66	66	66	66	8	00	8	00	00	00	8	8	00	000	38	100
	•	2	-	1 .	7	7	8	-	-	1.	-	7	1		1	5	4	*	4	4	6	0	0	0	0	0	0	0	0	0	5 6	10
	* Al	76	96	96	96	96	96	86	86	86	86	86	86	86	86	66	66	66	66	66	8	00	8	00	00	00	8	00	00	000	3 6	80
		2	-	1	-	-	8	-	-	7	-		-	-	-	*	4	*	*	3	등	0	0	5	0	0	5	0	0	0	5 6	0
	AI %	96	96	96	96	96	96	86	98	86	86	86	98	86	86	66	66	66	66	66	8	00	00	00	00	00	00	00	00	000		100
		2	-	1	-		0	-	-	1	-	-	-	1	-	*	*	*	4	3	6	0	6	0	70	0	6	10	0	0	5 0	0
	AI	94.	96	96	96	96	96	98.	98	98	98	86	98	98	98	66	66	66	66	66	00	00	00	00	00	00	00	00	00	00		00
VISIBILITY (STATUTE MILES)		2	-	1	-	-	80	-	-	1	_	-	-	1	~	3	4	4	4	4	6	10	6	10	0	0	6	0	0	0	5 0	0
TUTE	٧١ ¾	94.	96	96	96.	96.	96.	98.	98.	86	98	86	98.	86	98.	.66	66	.66	.66	66	00	00	ò	00	00	00	ò	ŏ	00	9	2 5	100
(STA1		2		1	_	-		-	-	1	-	-	~	-	7	4	4	3	3	*	0	010	금	0	5	70	70	0	0	0	500	10
ILITY	71	. 46	96.1	.96	96.	96	96.8	98.	98.	98.	98.	98	98.	98.	98.	66	.66	39.	66	.66	00	00	00	00	00	00	00	00	00	000	2 5	00
VISIB		2	-	1	-	-	90	-1	-	1	-	1	1	2	~	4	*	4	4	4	등	010	70	70	70	0	5	0	0	70	5	17
	Al	. 46	.96	96.	96.	96	90	98.	98.	98.	98.	. 8	.84	98.	. 8	.66	.60	.66	.66	.66	00	.00		100	00	.00	0	00	00	00	0	100
		2	_	7	-	-	00	-	-	-1	-	1	~	-	-	*	4	*	4	3	ਰ	0110	0	10	6	0110	610	010	0	200	5	010
	1 2%	94.	90	16.	96.	96.	90	8	8.	8	8	.8	8	.8	8.	6	60	.60	6	6	.00	.00	00	.00	00	.00	00	00	00	000		• •
		2	-	1	-	-	30	-	1	1	_	1	7	-	7	4	4	4	4	*	000	-	000	110	등	010	010	10	5	3	5	0100.0010
	M Al	. 56	.96	.96	96.	96	90	.86	.86	.86	.86	.86	.84	.86	.84	.66	.66	.66	.66	.66	00	.00	100	100	.00	.00	.00	0	0	000	5	0
		2	-	1	-	-	8	1	-	5 1	-	5	0.	7	2	4	4	5	4	3	016	210	010	270	010	010	010	010	0	0	2 6	30
	VI.	*	96	.91	.96	.91	.91	. 8	8.	. 84	8	. 8	. 8	8	8.	60	.6	60	6	.66	.00	0	.00	100	.00	00	.00	.00	00	100	2 0	0
		6	8	8	8	8	2	8	8	8	8	5 8	3	4	4	1	5	5 1	5	5	710	710	710	7120	710	7110	710	110	710	710	3	7100
	Al Al	2.	. 4.	. 4	:	*	5	.0	. 9	.90		.9	-	7.	7.	8.	8.	.8	.8	8.		.8	8	. 8	. 8	8.	8.			. a		98.
				179.64				1		1000		6-5-		175						1000		100				1200			-			
	o Al	6	11:	1:	:	:	2.	3.	3.	3.	3.	3.	4.	4.	*	. 4	:	. 4	. 4	. 4	15.	. 5	3.	.5	5.	. 6	5.	3.	3			95.5
									The same of	10000		DOLLER.		10000						Table 1	-A-07/61		94.5	5000		ALC: U	A	0.00		00		
	2		•						45.																			43.			3 12	100
	۸,			4	4	-	4	4	4	-	4	-	4	-	*	4	4	4	4	4	4	•	4	4	4	4	4	-	-	2 4	3	4
OZ	E	LING	> 20000	8	16000	90	12000	8	0006	000	2000	8	2000	200	4000	98	3000	8	2000	80	1500	200	1000	8	800	200	909	200	907	88	3	80
CEILING		0 0	17		14		7		A	1.39	M		A		IAI		IAI		A		1		1				Al		AI	AIA		11 11
		Z					100					_			20																1	

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TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1 S T.) JUL HOME

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NO CEILING (PER)	5. 1				-	-				-	-					
CEILING 20000 18000 16000 12000	2	o Al	N AI	VI 4	۸I	1 2%	7	¥1 ×1	YI 71	<u></u>	% Al	* AI	AI 2	≥ 5/16	NI ×	٨١
20000 18000 14000 12000	58.7	94.2	2.46	64.2	94.2	94.2	2.46	8.46	2.46	. 4	2.46		34.5	94.2	94.2	. 66
18000 14000 12000	0.09	95.5	1	95.5	98.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.
14000	0.09	95.5		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.
12000	0.09	95.5	-	95.3	5 95.5	1 95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.
12000	0	96.1		96.1	1 96 1	96.1	96.1	1.96	96.1	96.1	1.96		96.1	96.1	96.1	96
10000	61.3	96.8		96.8	8 96 8	8.96	96.8	96.8	96.8	96.8	96	8 . 96	96.8	8.96	96.8	96
	61.3	96.8	-	96.8	1 96.8	96.8	96.8	8.96	96.8	96.8	8.96	96.8	96.8	8.96	96.8	96
0006	:	97.4		97.4	97.4	97.4	4.76	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
900		97.4		97.4	97.4	97.4	97.4	4.16	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
141	61.3	97.4		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
7007		97.4	BQ.	97.4	97.4	97.4	97.4	4.16	4.16	97.4	97.4	97.4	4.16	97.4	97.4	97.
2000	6119	98.1		98.1	1 98.1	1 98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	1 98.1	98.1	98.
4500	61.9	98.1		98.	1 98.1	98.1	98.1	98.1	98.1	98.1	1.86	1.86	98.1		98.1	98.
141	62.6	98.7		98.7	7 98.7	1 98.7	98.7	98.7	98.7	98.7	98.7	7.86	98.7	1 98.7	98.7	98.
3500	1	98.7	_	98.	1 98.7	1 98.7	98.7	98.7	98.7	98.7	98.7		98.	1 98.7	68.7	96
3000	9.29	98.7	_	98.	1 98.7	1 98.7	98.7	98.7	98.7	98.7	98.7	1 98.7	98.7	1 98.7	98.7	98.
2500	600	99.4	4.66	7.66	1 99.4	7.66	4.66	4.66	4.66		4.66	7.66	4.66		4.66	66
7 2000	63.2	4.66	4.66	99.4	1 99.4	4.66	4.66	4.66	4.66	4.66	4.66	4.66	99.4	4.66	4.66	66
1800	100	99.4	4.66	4.66	1.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	99.4	7.66	4.66	66
1200		00001	0.0010	100.0	0.0010	0.0010	100.0	100.0	100.0	1000	100.0	10000	100.0	10000	100.0	001
1200	7	100.0	0.0016	100.0	0.0010	0.0010	100.0	100.0	100.0	100.0	100.0	10000	100.0	0.001	0.001	00
90		100.00	0.0010	100.0	100.0	0.0010	100.0	100.0	100.0	10000	100	-	100.0	10000	10000	001
906		100.0	0.0010	100.0	0.0010	0.0010	100.0	100.0	100.0	100.0	-	-1	100.0	0.0010	0.001	00
008		1000	0.0010	100.0	0100.0	0.0010	100.0	100.0	100.0	100.0	100.0	10000	100.0	10000	100.0	8
200		100.0	0.0010	100.0	3100.0	0.0010	100.0	100.0	0.001	100.0	100.0	10000	100.0	0.0010	0.001	00
8		100.0	0.0010	100.0	100.0	0.0010	100.0	100.0	100.00	100.0	100.0	10000	100	10000	100.0	001
900		100.0	0.0010	100.0	0.0010	0.0010	100.0	100.0	100.0	100.0	100.0	0.001	100.0	0.0010	100.0	00
8		100.0	0.0010	100.0	100.0	0.0010	100.0	100.0	100.0	100.0	100.0	100.0	100	10000	100.0	001
88	63.2	2100.0	.0100.0	100	20010	0.0010	100.0	100.0	0.001	0.001	100.0	100.0	100	0.0010	0.001	00
200		2100.0	0.0016	1001	1000	0.0010	100.0	0.001	0.001	1000	100	0.001	1001	0.000	0.001	8
901 Y		100	0.0010	1001	10010	0.0010	100.0	100.0	100.0	100.0	100.0	0.001	100	0.0010	100.0	00
	7.	1000	0.0016	1001	0010	0.0010	0.001	0.001	0.001	1000	1001	0.001	001	0.001	00001	8

TOTAL NUMBER OF OBSERVATIONS

155

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MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1.5.T.) JON H

98.1 ٨١ 4.16 1.96 98.1 1.86 98.1 98.1 1.96 1.96 8.96 97.4 98.1 98.1 98.1 2 5/16 98.1 96.8 98.1 98.1 98.1 4.16 4.16 98.1 2.46 96.1 96.8 98.1 96.1 98.1 96.1 98.1 98.1 1.86 * 4.76 4.76 8.96 98.1 1.86 98.1 1.86 1.86 98.1 1.96 7 4.16 8.96 98.1 98.1 96.1 96.1 1096 98.1 98.1 98.1 <u>-</u> 97.4 8.96 97.4 98.1 98.1 96.1 98 98.1 98.1 98.1 7 7 98.1 1.86 98.1 98.1 98.1 7 98.1 98.1

VISIBILITY (STATUTE MILES)

96.1 96.1

96.1

NO CEILING

¥ 20000

(FEET)

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96.1

VI VI 0009 1 0009

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96.8 97.4 96.1 98.1 96.1 98.1 98.1 96.1 96.1 96.1

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98.1 96.8 98.1 98.1 98. 98. 4.76 4.76 98.1 1.86 1.96 98.1 8.96 98.1 98.1 96.8

4.66 4.66 4.66 7.66 98.1 98.1 98.1 98.1 98.1 1.86 4.66 1.86 1.86 1.86 98.1 98.1

4.66 4.66 4.66 4.66 98.1 98.1 98.1 98.1 4.89 68.4 67.7 67.7 67.7 67.7 8000 7000 2000 4500 3000

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TOTAL NUMBER OF OBSERVATIONS

 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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MUFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.5.7.) JUN NEW

2

Maceinista 2 to 2	CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
97.4 90.3 <th< th=""><th>(FEET)</th><th></th><th></th><th>\$0 A1</th><th>41</th><th></th><th></th><th></th><th></th><th>¥1 Y</th><th></th><th></th><th></th><th></th><th></th><th></th><th>0 1</th></th<>	(FEET)			\$0 A1	41					¥1 Y							0 1
2000 57.4 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	NO CEILING			90.3	600	6.06	90.3	ò	60.3	90.3	ò	6.06	8006	6.06	8003	90.3	90.3
18000 37.4 90.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3	≥ 20000			90.3	90.3		90.3	ò		90.3	0	6.06	800	90.3		90.3	90.3
10000 57.4 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3				90.3			90.3		90.3	90.3		6.06	800.3	90.3		90.3	90.3
28.1 91.6 91.6 91.6 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0				90.3	90.3		90.3		90.3	90.3	90.3	90.3	90.3	90.3		90.3	90.3
13000 58.1 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91				91.0	91.0	91.0	91.0	91.0	016	91.0	91.0	91.0	91.0	91.0	91.0	91.0	0.16
10000 58.1 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91				91.6	91.6	91.6	91.6	916	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	9116
91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.6				:	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
28. 1 91.6 91.6 91.6 91.6 91.6 91.6 91.6 9				91.6	91.6	91.6	91.6	:	91.6	-	91.6	91.6	91.6	91'6	91.6	91.6	91.6
58.1 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91				-	91.6	91.6	91.6	916	-	91.6	1.	91.6	91.6	91.6	916	91.6	91.6
2800 58.1 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91				-	91.6	91.6	-	91.6	91.6	-	91.6	-	91.6	91.6	91.6	91.6	91.6
380. 58.1 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91				91.6	91.6	91.6	-	91.6	91.6	911.6	91.6		91.6	91.6	91.6	91.6	91.6
4500 58.7 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3				91.6	91.6	-	:		91.6	91.6	-	-	91.6	91.6	91.6	91.6	91.6
2500 60.0 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6	1		91.	91.6	91.6	91.6	-		91.6	-	-	-	9116	9116	91.6	91.6	91.6
3500 60.0 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6			92.	92.3	92.3				92.3		92.3		92.3	92.3	92.3	92.3	92.3
300 60.0 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6	1		93.	93.6	93.6	93.6	0			•	93.6	93.6	93.6		93.6	93.6	93.6
2500 61.3 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95			93.	3	93.6	93.6		3		•	93.6	•	93.6		93.6	93.6	93.6
2000 61.3 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1			95.	95.5	95.5	68.5	95.5	3	95.5	95.5	3223	95.5	95.5	95.5	95.5	95.5	95.5
1300 61.3 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8			96	96.1	96.1		96.1		96.1			96.1	96.1	96.1		96.1	96.1
1200 61.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4			96	96.8	96.8	8.96		. 9	8.96	96.8			8.96	96.8		96.8	96.8
1200 61.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4			96	0	96.8	8.96	•		96.8			•	8.96	96.8	96.8	96.8	96.8
\$\begin{array}{c} \text{61.3} \text{99.4}	1		97	4.16	4.16	4.16	4.16	4.16	4.16	4.16	97.4	97.4	97.4	4.16	97.4	97.4	97.4
**** \$1.9100.0100.0100.0100.0100.0100.0100.01			66	4.66	4.66	4.66		4.66	4.66	4.66		4.66	4.66	4.66	90.66	4.66	4.66
61.9100.0100.0100.0100.0100.0100.0100.01		5	100	100.001	0.001	0.00	0		0.001	0	0	100.0	100.0	100.0		100.0	0001
500 61.9100.0100.0100.0100.0100.0100.0100.01			100	ò	10001	100.00	0		100.0		0	100.0	10000	100.0		100.0	100.0
500 61.9100.0100.0100.0100.0100.0100.0100.01		5	100		0.00	00.00	100.00	0.00	0.001		0	100.0	100.0	0.001	100.0	100.0	100.0
500 61.9100.0100.0100.0100.0100.0100.0100.01		5	100	0		100.00		100.00	100.0		0	100.0	10000	100.0	100.0	100.0	100
50. 51.9100.0100.0100.0100.0100.0100.0100.01		-	100	0	0.001	0.00	100.0	ò	0		0	100.0	100.0	0.001	100.0	100.0	000
200 61.9100.0100.0100.0100.0100.0100.0100.01			100	i	100.00	100.00	100.001			100.0	ċ	100.0	100.0	100.0	100.0	100.0	100
200 61.9100.0100.0100.0100.0100.0100.0100.01		-	100	•		0.00	0.001	0000		100.0	0	100.0	10000	0.001	100.0	100.0	000
0 61.9100.0100.0100.0100.0100.0100.0100.01			100	100.001	100.001	0.00	100.001	0.00	0.001	100.0	100.0	100.0	10000	100.0	100.0	100.0	100.0
0 01.9100.0100.0100.0100.0100.0100.0100.0			100	100.001	0.00	0.00	00.00	0.00	0.001	•		100.0	0.001	0.001		0.001	000
		1:0	100	100.00	0000	00.00	00.00	0000	00.001	100.0		0.001	0.001	0.001		0000	000

TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELDS CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1.5.7.) JUL

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
	2 1	۰ ۸۱	\$0 Al	AI	۸I	Y 2%	Al	V 1%	7 7	Ä	AI	*	Z Al	≥ 5/16	× Al	٥
NO CEILING	43.			-	81.	-	-		-	-	-			-	-	
> 20000	44.1			81.9	Œ	3		82.1	82.1	82.1	82.1	82.1	82.1	2	82.1	
	44.1				82.	2.			82.1	2.			82.1	2.	•	82.1
N 16000	44.1			:	82.	3	2.			2	3	82.1	3	2	5.	
	4.44			~	82.	3	2.			2.		•		2.	•	
× 12000	44.7	80.2		82.9		•	83.1	83.1	83.1	83.1	83.1	83.1	83.1	3	83.1	83.1
				3.	83.	3.				3				3.	•	83.5
000	;			3	83.						*			3.	3.	83.7
	3			3	84.	*	*			;			•			84.0
700	45.2				34.		*		;	;				*		84.0
					84.		;			*				*		84.0
9	45.4				84.	*	;		84.4	*			;	*	84.4	84.4
					84.	4	3			*	*			*		84.4
141	45.7				84.	*			84.7	;	*		84.7			84.7
					85.	5	3.		3	5				3		85.4
300					•				5	:	3			3		85.7
91					86.	.0			9					.9		86.9
7000	47.5	84.7	86.9	87.6	87.	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	-	87.7
100					88.				8							88.6
1500					90.	0	ò		0		ċ					90.7
	8				93.	•	3		3						93.6	93.6
1000	49.5	92.3			9			97.0	97.0		-	97.0	97.0	1.	7.	97.0
	4.64				.86	8				8.		•		8	98.2	98.2
8	49.6			99.1		6			6		6	•			6	9.66
	49.7				0	0	0		0	0			00.00	0.001	100.001	0000
8	49.7				0	0	0			0		0		0		0.00
	1.64			. 3	0	0.001	ò			•	00.00	10000	00.00	0000	00.00	0000
007	49.7	94.5		. 3		100.001	0			•		00.00			100.00	0000
	49.7	64.5			100.0	0.001	100.0		100.00	10000	0.00	10.00	00.00	0.00	0000	00.00
N 300		94.5					100.001		0	0		00.00	00.00	0	•	000
W 7	49.7	94.5			100.0	0000	100.0	100.001	100.001	100001	100.001	10.001	00.00		100.001	0000
0 4	0	94.5	98.4	. 3	C	100.001		•	100.001	0	00.00	100.00	00.00	0000	100.001	0000

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT PIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 HOURS (1.5.T.) AUG

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TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

23244

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.4 HOURS (1.5.T.) AUG

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	2	o Al	S AI	AI AI	E VI	Y 2%	2 4	¥1 Y	¥1 ×1	- Al	% Al	*	Z AI	≥ 5/16	N N	٨١
	30.3	46.5	47.1	47.1	47.1	47.1	47.1	47.1	67.1	47.1	47.1	1.14	10/9	47.	47.1	10.0
N 20000	31.0	.1.	48.4	48.4	49.4	48.4	48.4	40.4	40.4	48.4	40.4	4004	4004	*00	4004	*
	31.0	47.	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	4.04	48.4	48.4	48.4
V 16000	31.0	47.	48.4	43.4	48.4	48.4	48.4	4.84	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	31.0	47.	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
12000	31.6	48	49.0	0.64	49.0	0.64	0.64	49.0	49.0	49.0	0.64	0.64	49.0	49.0	49.0	49.0
	31.6	48.	49.0	0.64	0.67	0.64	0.64	49.0	49.0	49.0	49.0	0.65		49.0	49.0	49.0
00 1 A1	31.6	4	49.0	49.0		49.0	0.64	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
1	31.6	48.	49.0	0.64	49.0	0.65	49.0	49.0		49.0	49.0	49.0		49.0	49.0	49.0
141	31.6	48.	49.0			49.0	49.0	0.64	49.0	49.0	49.0	49.0	49.0	49.0	0.64	49.0
1	32.3	49.	49.7	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.1	49.7		49.7	49.7	49.7
900	32.3	49	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1	32.3	49.	50.3	50.3	50.3	50.3	50.3	50.3		50.3	50.3	50.3	50.3	50.3	1 50.3	50.3
900	32.9	50.	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
1	33.6	51.	51.6		51.6	51.6	-	51.6	•	51.6		51.6		51.6	51.	51.6
3000	34.8	54:	34.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	1 54.8	54.8
	35.5	55.	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
7000	36.1	56.	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
1	36.8	58.	59.4	59.4	59.4	59.4	59.4	59.4	90.4	\$9.4	59.4	39.4	59.4	59.4	59.4	59.4
1300	41.3	=	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	43.2	78.	19.4	19.4	19.4	19.4	79.4	79.4	19.4	79.4	19.4	79.4	79.4		79.4	79.4
90	43.2	87.	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
98	43.2	3	92.9	95.9	6.26	92.9	65.6	95.9	6.26	92.9	92.9	92.9	92.9	92.9	92.9	92.9
8	43.2	94.	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1	43.2	95.	98.1	7.86	98.7	98.7	98.7	98.7	68.7	98.7	68.7	98.7	98.7	98.7	98.7	98.7
8	43.2	96	4.66	0.001	100.00	100.001	100.001	100.0	100.001	10000	100.0	10000	100.0	100.0	0.001	100.0
	43.2	96	4.66	0.001	100.0	0	100.0		100.0	0.001	100.0		100.0	0	0.0010	100.0
141	43.2	96	4.66	100.0	100.00	100.001	100.001	100.0	100.0	0	100.0	100,0	100.0		10000	100.0
38	43.2	96	4.66	0.001	100.0	00.00	0.00	0.00	0.001	0.00	0.001	0	100.0	0001	100.0	100.0
	73.6	10.	***	0.001	0001	000	0000	000	0000	0.001	0001	0000	0000	0001	0000	0001
80	43.2	96.1	4.00	0.001	000	000	000	000	000	000	000	000	000	000	000	
1	-			2	2000	2000	0000	2	200	2	2	2			2000	2

TOTAL NUMBER OF OBSERVATIONS

155

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MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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MUFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

A CONTRACT OF THE PARTY OF THE

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (1.5.7.) AUG

CEILING									Carrie (Sichiole Michael	7						
E .	21	41	S AI	4	N AI	> 2%	71	71 %	VI %	~	X Al	*	Z AI	≥ 5/16	VI X	٨١
O CEILING	14.8			73.6			76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	16.1
Y 20000	14.8		70.	76.8	78.7	19.4	79.4	79.4	4.61	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	14.8		70.	76.8	78.7	19.4	79.4	79.4	79.4	19.4	79.4	79.4	4.64	19.4	79.4	79.4
141	14.8	61.9	2		78.7	79.4	4.61		79.4	79.4	79.4	19.4	79.4	79.4	19.4	70.4
	14.8		70.	8.94		19.4	6		79.4	19.4	79.4	79.4	4.64	79.4	79.4	79.4
12000	14.8			77.4	19.4	80.0	0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	15.5			78.1	0		80.7		0	80.7	80.7	80.7	80.7	80.7	80.7	80.
98	16.1		72.	79.4	81.3	81.9		81.9	81.9	81.9		81.9	81.9	81.9	81.9	81.9
1	17.4		14.	80.7		83.2	3	83.2	•			83.2		83.2	83.2	83.2
141	17.4	65.8	200	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	17.4		74.	81.3	3	83.9		83.9		83.9	83.9	83.9	83.9	83.9	83.9	83.5
2005	17.4	66.5		81.9	83.9	84.5	84.5	84.5		84.5	84.5	84.5	84.5	84.5	84.5	84.5
	18.1	67.1	16.	82.6		5	3	85.2		85.2		85.2		85.2	85.2	85.2
900	18.1		10	82.6	84.5	85.2		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	18.1		11.	83.9	85.8		.0	86.3	86.5	86.5			86.5		86.5	86.5
3000	18.7		78.	84.5		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.
1	20.7		80.	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.
7000	21.3		83.	90.3	92.3	92.9	6.26	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	21.3		85.	.16	93.6	2.46	94.2	34.5	94.2	94.2			94.2			34.5
200	21.3		87.	93.6		96.1		96.1	96.1	96.1	1.96		1.96	96.1	96.1	96.
1	21.3			6	1.86	98.7	98.7	98.7	98.7	48.7	98.7	98.7	98.7	98.7	98.7	98.
90	21.3		91.	97.4	4.66	100.001	100.001	100.001	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100
	21.3		91.	4.46	4.66	100.001	100.001	100.00	100.00	0000		100.0	100.0	100.0	100.0	100
8	21.3	78.7	16	4.7.4	4.66	100.001			100.00	100.00		0	2	100.0	100.0	100
	21.3		91.	4.16	4.66	100.001	100001	100.001	00.001	0.001	•	100.0	100	100.0	100.0	100
8	21.3	78.7	91.	97.4	4.66	100.001		100.001	100.001	0			100.0	100.0	100.0	100.0
	21.3		91.	4.16	4.66	100.001		100.00	00.00	00.00	100.0	100.0	0.001	100.0	100.0	100
8	21.3	78.7		97.4	4.66	100.001	100.001		100.00	0	•	100.0	100.0	100.0	100.0	100.0
	21.3	78.7		97.4	4.66	100.001	100.001	100.00		0.00		100.0	100.0	100.0	100.0	100
38	21.3	78.7		97.4	4.66	100.001		100.00	100.00	0000		100.0	100.0	100.0	0	100
81	6.15	78.7		4.76	4.66	100.001	10.001	100.00			100.0	0.001	100	10000	100.0	100
				-					•	-			-	-		•

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

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73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AUG

DAU

13 HOURS (1.5.7.)

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	9 11	S) Al	AI	Al Al	≥ 2%	2 4	¥1 Y	¥1 VI	- -	% Al	*	Z AI	≥ 5/16	N AI	0 AI
NO CEILING		83.2		87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000		88.4		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		88.4		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2 16000		88.4		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		89.0		93.6	2.46	94.2	94.2	94.2	94.2	94.2	2.46	2.46	94.2	94.2	94.2	94.2
× 12000		89.0		93.6	94.2	94.2	94.2	2.46	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
		89.7		2.76	94.8	94.8	94.8	94.8	8.46	94.8	8.46	8.46	94.8	94.8	8.46	94.8
98		89.7		2.46	8.46	94.8	8.46	94.8	8.46	8.46	8.46	8.46	94.8	8.46	94.8	94.8
		89.7		94.2	94.8	94.8	*	8.46	. 4	94.8	8.76	8.76	94.8	94.8	8.46	94.8
141		89.7		94.2	8.96	8.76	;	94.8		94.8	94.8	8.46	94.8	94.8	94.3	94.8
		90.3		94.8	95.5	95.5	95.5	95.5	5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
900		92.9		97.4	98.1	98.1	98.1	98.1	96.1	98.1	98.1	98.1	98.1	98.1	1.86	98.1
		93.6		98.1	98.7	98.7		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
000		94.2		98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		94.2		98.7	4.66	40.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4066
3000		94.2		98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
1		94.2		98.7	4.66	** 66	4.66	7.66	4.66	4.66	4.66	4.66	4.66	4.66	4066	4.66
90 1A1		94.2		7.86	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	466
		94.2		98.7	4.66	4.66	4.66	4.66	4.66	4.66	4.66	\$ 66	4.66	4.66	4.66	4.66
1 1 200		8.46		4.66	100.0	100.0	100001	100.0	100.0	100.0	100.0	10000	100.0	100.0	100.00	0000
1		84.8		4.66	100.0	100.0	100.0	100.0	100.0	1000	100.0	100.0	100.0	100.0	100.0	0000
90		8.46		4.66	100.0	100.0		100.0	100.0	10000	100.0	100.0	100.0	100.0	100.0	0000
		8.46		4.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.001
8		8.46		4.66	100.0	100.0		100.00	100.0	1000	100.0	100.0		100.0	100.00	0.001
		8.46		\$. 66	100.0	100.0	100.0	100.0	100.0	10000	100.0	100.0	0	100.0	100.0	0000
8		94.8		4.66	100.0	100.0	10000	100.0	100.0	10000	100.0	100.0	100.0	100.0	10000	0000
		8.06		4.66	100.0	100.0	100.0	100.0	100.0	0.001	100.0	100.0	100.0	100.0	0.001	0000
8		94.8		4.66	100.0	100.0	10000	100.0	100.0	10000	100.0	10000	100.0	100.0	100.0	0000
8		94.8		4.66	0.001	100.0	100.0	100.0	•	100.0	100.0	0.001	0.001	100.0	0.001	0.00
	•			***	0.001	100.0	0.001	0.001	0.001	0000	100.0	0.001	000	000	0.001	000
80	31.6	94.	98.7	4.66	100.00	100	10000	1000	100.00	00000	100	100	0000	100.0	0.00	0000
1	1						2									

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 HOURS (1.5.7.) AUG

						VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
2	9 11	8 1	4	e Al	2 2%	7 4	71 71	¥1 V	Ā	AI N	*	N X	2 5/16	AI	0 1
	88.4	88.4	4.88	8	8	88.4	8	88.4	8	88.4	8	8	88.4	4.88	88.4
	91.0	0.16	91.0	-	-	-	-	-	-	91.0	-	-	-	91.0	91.0
	91.0		91.0	91.0	-	91.0	-	91.0	-	91.0	•	91.0	1.	91.0	91.0
	91.0		91.0	91.0	-	91.0	-	91.0	-	91.0	-	91.0	-	91.0	91.0
	92.9	92.9	65.6	6.26			2		2	92.9	2	92.9		92.9	92.9
	94.2	94.2	94.2	34.5				94.2	94.2	94.2	84.5	94.2	94.2	2.46	24.2
	95.5	95.5	95.5	95.5			5.	95.5	5	95.5	95.5	95.5		95.5	95.5
	95.5	95.5	95.5	95.5			95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	95.5	95.5	95.5	95.5			95.5	95.5	95.5		95.5	95.5		95.5	95.5
	95.5	95.5	95.5	95.5	95.5		95.5	95.5	95.5	•	95.5	95.5		95.5	95.5
	95.5	95.5	95.5	95.5	95.5		95.5	95.5		95.5	95.5	95.5	95.5	95.5	95.5
	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4		97.4	97.4	97.4	97.4	97.4	97.4
	98.1	98.1	98.1	98.1		98.1		98.1		98.1		1.86	98.1	1.86	98.1
	98.1	98.1	98.1	98.1		98.1	98.1	98.1		98.1	98.1	98.1	98.1	98.1	98.1
	98.7	1.86	98.7	7.86	7.86	7.86	98.7	98.7		98.7	98.7	98.7	48.7	48.7	98.7
	4.66	4.66	4.66	4.66	4.66	4.66	9.66	4.66		99.4	4.66	4.66	4.66	4.66	99.4
	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66		4.66	4.66	4.66	4.66	4.66	4.66
	4.66	4.66	4.66	4.66	4.66	4.66		4.66	4.66	99.4	4.66	4.66		4.66	7.66
	4.66	4.66	4.66	4.66	4.66	4.66		4.66	4.66	4.66	4.66	4.66		4.66	4.66
	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4066	4.66
:	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
:	4.66	4.66	7.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	99.4
:	99.41	00.00	100.00	00.00	00.00	00.00	00.00	100.00	10000	100.0	0.001	0001	100.00	100.00	00.00
	4.66	0.00	0.001	00.00	00.00	0000	0.00	0.001	100.0	100.0	00001	100.0	100.0	00.001	0000
	4.66	00.00	10000	00.00	00.00	0000	0.00	100.0	100.0	100.0	100.0	100.0	100.00	100.00	000
	4.66	00.00	0.001	0.00	00.00	0000	0.00	0.001	0.001	100.0	100.0	100.0	100.0	00.00	00.00
	99.4	00.00	100.00	00.00	00.00	00.00	0.00	100.0	10000	100.0	100.0	100.0	100.00	100.00	0000
	4.66	00.00	0.001	0.00	00.00	00.00	0.00	0.001	100.0	100.0	100.0	100.0	100.0	0000	00.00
56.1	4.66	00.00	100.001	00.00	00.00	00.00	00.00	100.00	100.0	100.0	100.0	100.0	100.0	100.001	00.00
26.1	40.66	0.00	0.00	0.00	00.00	00.00	0.00	0.001	0.001	100.0	0.001	0.001	10000	0000	000
26.1	4.66	00.00	100.00	00.00	00.00	00.00	00.00	0.001	100.0	100.0	100.0	0.001	100.0	0001	00.0
		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	1.6 88.4 88.4 88.4 88.1 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91	1.6 88.4 88.4 88.4 88.8 88.8 1.6 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0	1.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88	1.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88	1.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88	1.6 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88	16 88.4 88.4 88.4 88.4 88.4 88.4 88.4 88.	10 26 25 24 23 22% 22 21% 21% 21% 21 28% 16 91.0	16 88	0 26 25 24 23 22% 22 21% 21% 21% 21 2 % 24 28 48 48 48 48 48 48	16 88 4 88 4 88 4 88 4 88 4 88 4 88 4 88	10

TOTAL NUMBER OF OBSERVATIONS

155

NO.



















































MOFFETT FIELD, CALIFORNIA

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AUG

19

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2 1	AI AI	S AI	AI AI	£ 41	Y 21%	7	71 71	¥1 V	71	% Al	*	Z Al	≥ 5/16	N AI	٥
NO CEILING	54.8	5 90.3 90	87.7	87.7	87.7	90.3	87.7	87.7	87.7	87.7	87.7	90.3	90.3	90.3	87.7	87.7
V 18000	55.5	90.3	90.3	90.3	0	90.3	0		0			90.3				600
	25.5	90.3	90.3	90.3	90.3	80.0	•	90.3	•	90.3	90.9	90.3	90.3	90.3	6006	90.3
V 1 1400	58.7	96.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	8.46	94.8	94.8	94.8	94.8
	58.7	96.1	96.1	1.96		96.1	96.1	96.1	9	96.1	96.1	96.1	96.1	96.1	1.96	96.1
8	58.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	1.96	96.1	1.96	1.96	96.1
0008 AI A	58.7	96.1	96.1	96.1	1.96	96.1	96.1	1.96	96.1	96.1	96.1	96.1	96.1	96.1	1.96	96.1
18.	58.7	8.96	94.8	96.8	96.8	96.8		96.8	96.8	96.8	96.8	96.8			96.8	96.8
8 8 NI AI	58.7	98.7	7.86	98.7	98.7	98.7	1.86	98.7	98.7	98.7	98.7	98.7	98.7	98.7	7.86	98.7
	58.7	98.7	48.7	98.7	98.7	98.7	7.86	98.7	48.7	98.7	98.7	98.7		98.7	7.86	98.7
141	58.7	98.7	98.7	98.7	98.7	78.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
NO.	58.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	186	98.7	98.7	48.7	98.7
3000	58.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98:7	98.7	98.7	98.7	98.7
1	59.4	4.66	4.66	4.66	4.66	15.4	4.66	4.65	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
1 2000	60.0	100.0	100.00	100.0	100.0	100.001	100.00	100.0	100.0	100.0	100.0	10000	100.0	100.00	00.00	0000
	0.00	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	100.0	100.0		00.00	0000
1500	60.0	100.0	100.0	100.0	100.0	-	100.001	100.0	0.001	.00	-	100.0	100.0	.0	00.00	00.0
1	0000	100.0	100.0	100.0	100.0	100.0	100.00	100.0	100.0	100.0	-	100.0	100.0	0	00.00	0000
171	0.09	100.0	100.0	100.0	100.0	100.00	100.00	100.0	100.001	100.0	-	100.0	100.0	100.00	00.00	00.0
8	0000	100.0	100.0	0.001		-	100001	0000	100.0	.00	1	0.001	•.	0	00.00	00.00
	0000	100.0	10000	100.0	100.0	-	0.001	100.0	•	100.0	-	0000	•	•	00.00	00.00
	0000	100.0	100.0	0.001		100.001	0.001	100.0			-	100.0	0.001		00.00	000
9	0000	100.0	10000	10000	100.0	100.001	100.00	100.0	100.0		100.0	100.0		•	00.00	000
905 A1	0.00	100.0	0.001	0.001	100.0	100.0	0.001	0000	0	0	4	100.0	•.		000	00.00
14	0000	100.0	0000	0.001	100.0	1000	0.001	0.001	•	0	4	0001	•	0	00.00	000
88 AI AI	0000	100.0	100.001	100.0	100.0	100.001	0000	000.00	00.0	0000	000	0000	100.00	0000	000	000
	0000	100.0	100.0	100.0	100.0	100.0	0.00	0.001	100.0	0000	0.001	100,0	0.001	0000	00.00	0000
	0000	100.0	0.00	0.001	0.001	2001	0.001	200	0.001	0001	2001	200	2	0		200

TOTAL NUMBER OF OBSERVATIONS

155

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SOWS DIRNAVOCEANMET

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MOFFETT FIELD, CALIFORNIA

AUG

22 HOURS (1.5.7.)

	Y % Y \$/16 Y % Y 0	1	4 77.4 77.4 77.4 77.4	4 77.4 77.4 77.4 77.4	4 77.4 77.4 77.4 77.4	1 78.1 78.1 78.1 78.	7 78.7 78.7 78.7 78.	4 79.4 79.4 79.4 79.4	4 79.4 79.4 79.4 79.4	80.0 80.0 80.0	.0 80.0 80.	0.7 8	3 81.3 81.3 81.3 81.	6 82.6 82.6 82.6 82.4	2 83.2 83.2 83.2 83.2	9 83.9 83.9 83.9	9 83.9 83.9 83.9 83.9	5 84.5 84.5 84.5 84.5	8 85.8 85.8 85.8 85.6	1 87.1 87.1 87.1 87.	7 89.7 89.7 89.7 89.7	1.6	6.1 96.1	4 0	4 99.4 99.4 99.4 99.4	100.0100.0100	0100.0100.0100.0100	00100.00100	100.00100	0100.0100.00100.0010	0100.00100.00100.0010	0100.0100.0010.0010	0100.00100.00100.0010
	* 11 % 1	75.5 75	77 -4 77	77.4 77	77.4 77	-:	78.7 78	79.4 79	79.4 79	0	0.0	-		82.6 82	83.2 83	83.9 83	83.9 83	84.5 84	85.8 85	87.1 87	89.7 89	16 9116	96.1 96		66 4.66	00.0100	00.000	0010.00	4	0010.00	00.000	0010.00	00.00.00
MILES)	<u></u>	5 75.5	4 77.4	4 77.4	4 77.4	1 78.1	7 78.7	4 79.4	4 19.4	0.08 0	80.	7 80.7	3 81.3	6 82.6	2 83.2	9 83.9	9 83.9	5 84.5	8 85.8	1 87.1	7 89.7	91.6	1 96.1	_	4.66 4	0100.01	0,0000	-	0100.01	10.0010	0100.010	10.0010	10.0010
VISIBILITY (STATUTE MILES)	21% 21%	15.5 75.	17.4 77.	77.4 77.	17.4 77.		18.7 78.	19.4 79.	19.4 79.	30.0 80.	10.08	80.7 80.	31.3 81.	32.6 82.	13.2 83.	13.9 83.	13.9 83.	14.5 84.	15.8 85.	17.1 87.	19.7 89.	11.6 91.	16.1 96.	6 4.	19.4 99.	00.00.00	00.0000	00.0000	00 00 00	.0010.00	00 00 00	00.00.00	0010.00
VISIBI	~ ~		4 77.4		4 77.4	1 78.1	7 78.7	4.61	4 79.4		USS	7 80.7		5 32.6	83.2	83.9 8	83.9	5 84.5	85.8	1 87.1	7 89.7	91.6	1 96.1 9	5 4.66 4	6 99.4		0100.0010	0100.0010		3100.0010	0100.0010	2100.0010	2100-0010
	3 ≥ 2%	1.5 75.	1.4 77.4	.4 17.	1.4 77.4	.11	1.7 78.	7 4.	7 4.	.080.	.080.	1.	1.3 81.3	1.6 82.	1.2 83.2	1.9 83.	1.9 83.	5 84.	8.8 85.	.1 87.	1.7 89.7	.6 91.	1.1 96.1	97.	1.4 99.4	.0010.0	.0010.0	.00100.	.0010.0	.0010.	.0010.0	.0010.0	0.0010
	AI	75.5 75	77.4 7	77.4 7	77.4 7	78.1 78	78.7 78	79.4 75	79.4 79	80.0 80		80.7 80	81.3 81	82.6 82	83.2 83	83.9 83	83.9 83	84.5 84	85.8 8	87.1 8	89.7 89	6 9.16	96.1 96	97.4 97	99.4 99	0010-001	100.0100	0010-001	100.00100	00.0100	00.0100	00.0100	00.00
	S) Al	5 75.5	8 77.4	8 77.4		1.87 4.	.1 78.7	7 79.4	7 79.4	0.08 4.	0.08 4.	.0 80.7	.7 81.3	9 82.6		6.88 8		6.48 6.	.2 85.8							6100.001		4100.001	4100.00			4100.01	
	9 1 01 1	5 75	5	5 76	-	2 77	8 78	00	00	8 79	8 79	8 80	08	00	•	5 83	-	1 83	7 85	98 2	0	16 4	m	3 96	~	2	-	-	50.3 99.	66 8	•	-	~
CEILING	A1	10	_	18000	\$ 16000 4	14000	2 12000 4	10000	\$ 0006 A	9008	¥ 7000 4	9009	9 0005 1	4500	4 000 A	3500	3000 4	2500	7 2000 4	1800	> 1500 4	1200	2 1000 5	8	2 800 5	700	99	200	2 400 5	300	2 200 5	8	_

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TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

ALL

HOURS (L S.T. AUG

0.00100.0100.0100.0100.0100.0100.0100.00 ٨١ 100.0010.0010.001 78.6 83.0 84.1 88.5 1006 100.0010.0010.001 10.0010.0010.00 80.2 83.0 83.0 79.0 0.66 76.0 77.9 78.6 76.0 0.61 80.2 77.9 88.5 75.9 96.1 16. 76.0 78.3 80.2 75.5 83.0 88.5 1.96 76.7 ٨I 76.0 78.6 0.61 83.0 74.4 77.9 81.5 88.5 00.0010.00100.00 100.00100.001 73.8 75.5 15.9 80.2 91.9 96.1 73.1 84.1 97.7 99.7 AI 78.6 81.5 76.0 0.64 1.48 0.66 83.0 88.5 77.9 80.2 6116 96.1 7.66 7.66 7.66 7 80.2 80.2 81.5 81.5 83.0 83.0 00.0010.00 74.4 19.0 96.1 0.66 77.9 76.3 78.6 75.5 75.9 76.0 88.5 73.1 73.8 84.1 84.1 7.79 Al VISIBILITY (STATUTE MILES) 0.64 78.6 61.6 88.5 96.1 0.66 76.0 78.3 77.9 75.9 76.7 100.00100.00100.001 83.0 99.0 100.0010.00100.001 77.9 76.0 78.6 0.64 80.2 88.5 96.1 75.9 84.1 84.1 71 6.16 83.0 78.5 76.0 78.6 80.2 1.96 100.0010.001 81.5 78.9 77.9 78.3 88.5 7.76 0.66 76.7 ۸I 78.6 76.0 63.0 96.1 0.61 77.9 80.2 2 2% 8.66 75.8 78.2 76.6 0.64 88.4 8.66 75.4 77.8 80.1 65.9 84.0 91.6 74.4 61.4 96.1 W VI 74.0 75.5 77.5 82.6 78.2 88.1 81.1 83.7 74.6 82.7 92.6 77.3 81.6 1.46 90.96 74.1 76.5 78.8 87.0 97.1 1.1. 97.3 VI VI 76.6 79.4 75.2 80.4 95.8 77.9 84.5 36.9 35.2 36.5 39.0 39.5 40.4 35.8 34.2 36.7 41.1 41.1 41.1 NO CEILING VI VI 00091 00091 (FEET) Y 1 1400 900 1500 88 80 1500 Y 2000 2000 9000 2500 90 88 88 88 3000 AI AI AI AI AIAI AI AI AI AI ALAI AIAI AIAI AIAI AI AI

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (1.5.T.)

SEP

CEILING							VISIA	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FET)	2	N N	8 1	4	E 41	2 2%	7 1	¥1 ×1	¥1 Y	-	% Al	* 11	Z AI	≥ 5/16	M AI	0 AI
NO CEILING		59.	(a)	60.7	1.09	60.7	60.7	1.09		60.7	60.1	1.09	60.7	1.09	1.09	600
> 20000		59.		60.7	60.7	60.7	2009	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
		.66	9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	1.09	60.7	60.7	60.7	60.7
0009L ~		59.	•	60.7		60.7		60.7		60.7	60.7	60.7		60.7	60.7	60.7
		000	C	62.0	62.0	05.0	62.0	62.0	62.0			0.29	62.0	05.0	0.29	62.0
12000		.09	•	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
		62.	63	63.3	63.3			63.3	63.3	63.3		63.3	63.3	63.3	63.3	63.3
8		62.	0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
1		62.	63	63.3	63.3	63.3		63.3		63.3			63.3	•	63.3	63.3
141		62.	0	63.3	63.3	63.3		63.3		63.3	63.	63.3	63.3	63.3	63.3	63.3
lon.		62.	94.	0.49	*	4			*	•	. 49			*		0.40
9000			65.	68.3	65.3	65.3	65.3	65.3	65.3	65.3		65,3	65.3		65.3	65.3
			99	1.99		9		1.09	0	66.7	99	1.99	66.7	66.7		66.
909		66.	68.	68.0	68.0	68.0	68.0	0.89		68.0	68.0		68.0			68.0
		.99	68	68.0	68.0		0.89	0.89	0.89	68.0	89	68.0	68,0	0.89		68.0
3000		67.	0	68.7				68.7	8		68.	68.7	68.7	•	68.7	68.7
		.69	70	70.7	70.7	1001	70.7	70.7	70.7	7007	-	70.7	70.7	70.7	70.7	70.1
7 200		71.	-	73.3	73.3	73.3	73.3	73.3	73.3		73.3	73.3	73.3	73.3	73.3	73.3
		73.	75	15.3	75.3	2	5	3.	15.3	75.3	75.	75.3		2.	75.3	75.3
150		78.	0	80.0	80.0		80.0	80.0		80.0	æ	80.0		80.0	80.0	80.0
		63.	86	86.0	86.0	86.0		86.0		9		86.0	86.0	.0	86.0	86.0
90				91.3	91.3	91.3	91.3	91.3	91.3	91.3	0	91.3	91.3	-	91.3	91.3
		89.	66		0.46			0.46	0.46	0.46		0.46	0.96	0.46	0.46	94.0
8		93.	0	98.7	98.7		98.7	98.7	98.7		0	98.7	98.7	98.7	98.7	98.7
		. 76		66.3	66.3	66.3	66.66	66.3	86.3	99.3	66.3	6	99.3	6	666	99.3
8		94.	-	100.0	100.001	100.001	100.001	100.00	100.001	0	100.0	100.0	100.0	100.0	10001	001
		94.		100.0	100.0	100.001	0.00	100.00	100.0	10000	100.0	100.0	0.001	100.0	100.0	0001
8		94.	-	100.0	100.0	100.001	100.00	10001	100.001	100.0	100.0	10000	100.0	100.00	100.0	100
88	36.7	0.46	66.3	100.0	100.0	0000	0000	000	000	100.0	100.0	100,0	000	100.0	0000	000
	•			200	200	200	000		200	200	200	200				
80				0001	000	000	0.00		000	000	100	1000	000			
1	•			3	2000	2	0.001	2	200	200	200	200	2	200		

TOTAL NUMBER OF OBSERVATIONS

150

8811

DIRNAVOCEANMET SMOS

9 0 0 0

0

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

SEP

0.4 HOURS (1.5.7.) MONTH

0.09 45.3 45.3 45.3 51.3 53.3 53.3 ٨١ 52.0 52.0 89.3 0.26 67.3 0.09 77.3 48.7 46.7 54.7 44.7 50.1 62.7 89.3 67.3 0.86 0000 77.3 92.0 97.3 43.3 53.3 0.44 44.7 46.7 48.7 62.7 46.1 54.7 50.7 45.3 0.26 53.3 67.3 51.3 52.0 52.0 0.09 89.3 98.0 98.0 98.0 98.0 50.7 62.7 62.7 69.3 67.3 0.09 77.3 89.3 92.0 51.3 53.3 97.3 42.7 44.7 42.7 43.3 46.7 48.7 50.7 42.1 54.7 0.09 67.3 89.3 0.26 97.3 43.3 52.0 52.0 53.3 77.3 45.3 51.3 48.7 44.7 54.1 50. 62.1 46. 67.3 77.3 97.3 97.3 45.3 45.3 0.09 89.3 44.7 51.3 43.3 48.7 92.0 46.7 50.7 53.3 54.7 62.7 VISIBILITY (STATUTE MILES) 53.3 54.7 0.09 67.3 0.44 17.3 51.3 92.0 92.0 44.7 46.7 48.7 50.7 52.0 52.0 52.0 89.3 89.3 62.7 0.09 67.3 45.3 45.3 51.3 54.1 50.7 40. 7 7 92.0 67.3 89.3 0.86 51.3 53.3 0.09 77.3 97.3 43.3 0.44 44.7 46.7 48.7 50.7 54.7 62.7 46.7 92.0 89,3 48.7 53.3 60.0 46.7 50. 62.7 62. 52.0 67.3 45.3 53.3 0.09 95.0 51.3 77.3 89.3 0.44 54.1 48.7 97.3 44.7 46.7 43.3 200 67.3 53.3 0.09 48.7 1005 51.3 25.3 51.3 52.0 52.0 96.7 46.7 88.7 90.7 91.3 44.7 54.7 62. 53.3 0.09 0.96 43.3 45.3 51.3 88.7 28.0 61.3 62.7 7.86 44.7 48.7 50.7 24.0 44.0 48.0 59.3 46.0 50.7 82.7 25.3 50.0 52.7 44.7 ۸۱ 29.3 28.0 26.0 26.7 30.0 30.7 24.7 30.7 30.7 30.7 40 CEILING ≥ 20000 VI VI 00091 00091 80 (FEET) 9000 2000 4500 3000 2000 9000 1500 980 88 88 88 88 ALAI AI AI AI AI AI AI ALAI AI AI

0

0

0

TOTAL NUMBER OF OBSERVATIONS

0

200

0

0

MOPFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

07 HOURS (1.5.T.) SEP

100

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

PERCENTAGE FREQUENCY OF OCCURRENCE

	٨١	38.			40	40	45.	43.	*	*	43.	.04	47.	*	47	48.	51.		58.			75.		93.		98.		66	00	00	00	00	00
	N N	38.0	40.0	40.7	40.7	40.7	42.7	43.3	44.0	44.7	45.3		47.3	47.3		48.0		53.3	58.7	61.3		75.3	88.7	93.3	0.86	186	99.3	66.3	•	100.0	100.0	100.0	100.001
	2 5/16	8	40.0	40.7	40.7	40.7	42.7	43.3	44.0	44.7		. 9	47.3		-	48.0	-	53.3	58.7	61.3	66.7	75.3		93.3	98.0	98.1	66.3	•	0	100.0	0	100.0	100.0
	N %			40.7	40.7	40.1	42.7	43.3	44.0	44.7	45.3	•	47.3	47.3	47.3	48.0	51.3	53.3	58.7	61.3		75.3					99.3	6		0000		0.001	
	*	38.		40.7	40.7	40.1	42.7		44.0	44.1	45.3	. 6	-	:	-	48.0	1:		58.7			75.3	88.7	3.	98.0	1.86	69.3	6	0	1000	0	1000	1000
	¾ Al	38.	4		4	*	42.7	*	4	4	4	0.94	47.3				51.3		5	0	9	-	8	63.3	98.0		66.3	66.3	100.0	100.0	100.0	100	1000
	ŽĮ.	37.	39.3	40.	40.	40.	42.0	42.	43.3	4	44.	48.3		46.7	46.7	4	S	30	58.0	0		*	æ		0		0	98.7	99.3	-	99.3	66.3	99.3
	Y 72	37.	3	40	4	40.	45.0	42.	*	**	4	55	46.	40.	46.7	4	50.	2		0	0		88.		97.3	98.0		98.7		66	99.3	66.3	99.3
	7 7%	37.	3	40.	40.	40.	42.	42.	43.	44.	44	45.	40.		46.7	1.	0		58.0	0				92.7		386		98.		66		66	1 99.3
	71	37.	39.	40.	4	•	42.0		43.3		44.7	5.	46.7	46.7		4				60.7	0.99	100	88.0	0				686		66.3		66.3	99.3
	1 2%	37.		*	40.	3		42.	43.3	*	4	45.3	46.7	46.7		47.	3	2	57.3	0.00		74.0		0	94.0	1.76	94.1	64.7	94.1	94.1	94.	94.	94.
	۸I	37.	39.	4	40.	40.	42.0	4	43.3	44.0		45.3		94	3	47.	80	52.	S	60.0	9	73.3	86.0	0.06	92.7	92.7		92.7		92.1	92.1	92.1	92.1
	VI 4	37.	39.	.04	4		42.0		43.3	44.0	44.7	45.3	-		46.7		50.0	2	57.3	0.09	•	72.	82.0	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	8
	VI VI	37.	m	40.		4	4	4	4	42	4	44	4	.5	4		4	0	56.0		0		-	1		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
	٥ ٨١	35.	37.3	38.	38.	38.	38	39.	*0*	.04	41.	42.	43.	43.	43.3	44.			53.3	54.7	58.0	0.09	64.0	99	66.7	66.7	66.7	66.7	66.7	66.1	99	66.1	99
	N N	0	12.0	12.7	12.7	12.7	12.7		13.3		13.3	13.3	14.0	14.0	14.0	14.0	14.7	15.3	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
CEILING	(FEET)	NO CEILING	≥ 20000		N 16000		× 12000		900		7000		2000		14		3000		7 2000	Marie	> 1500		× 1000		800		9		N 400	300		9 8	
_		-	_	_	_	-	_	_	_	-	_	_	-	_		-		_		_	-	_	_	-	_	_	_	_	_		_	_	_

150

TOTAL NUMBER OF OBSERVATIONS

73-77

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.0 SEP

E

CEET CEET	2 5						Contract of the last of the la							
CEILING 8.0 45. 20000 8.0 46. 18000 9.3 47. 14000 9.3 47. 12000 10.7 50. 8000 10.7 50. 8000 10.7 50. 4800 10.7 50.	54.	4	8 Al	≥ 2%	7 1	¥1 ¥1	71	- AI	% Al	*	Z AI	≥ 5/16	N N	٨١
18000 9 3 47 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		58.7		1000		2.	2	1000		~	2.		62.7	62.7
18000 9 3 47 12000 9 3 47 12000 9 3 47 12000 9 3 47 12000 10 7 50 10 7 50 10 7 50 10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	and the	59.3	61.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
14000 9.3 47. 12000 9.3 47. 12000 10.0 48. 10000 10.7 50. 1000 10.7 50. 1000 10.7 50. 1000 10.7 50. 1300 14.7 57. 1300 14.7 57. 1300 14.7 56. 1000 14.7 56.	56.	1.09	62.7			5	5	5	5	5	5	5	5	
10000 9.3 47. 10000 10.0 48. 10000 10.7 50. 2000 10.7 50. 2000 11.3 51. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 56.		60.7	62.7	65.3		65.3	65.3	65.3	65.3	65.3		65.3	65.3	65.3
12000 9.3 47. 10000 10.0 48. 10000 10.7 50. 10.7 50. 10.7 50. 10.8 11.3 51. 13.0 14.7 57. 13.0 14.7 57. 13.0 14.7 57. 13.0 14.7 57. 13.0 14.7 56.	56.	1.00			.9	9		9		9		9		
2500 14.7 57. 2500 14.7 57. 2500 11.3 51. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 57.	56.	61.3	63.3		1.99	66.7	66.7	.9	66.7	66.7				66.7
8000 10.7 50. 6000 10.7 50. 6000 10.7 50. 6000 10.7 50. 6000 11.3 51. 6000 12.7 54. 6000 14.7 57. 6000 14.7 57. 6000 14.7 66. 6000 14.7 66.	56.			٠		1.		-	1:	1				67.3
2000 10.7 50. 2000 10.7 50. 2000 11.3 51. 2000 11.3 51. 2000 12.7 54. 2000 14.7 57. 2000 14.7 57. 2000 14.7 62. 1300 14.7 62. 1300 14.7 66.	7 57.3	62.7	64.7	0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
2500 11.3 51. 2500 11.3 51. 2500 11.3 51. 2500 11.3 52. 2500 14.7 57. 2500 14.7 57. 2500 14.7 62. 2500 14.7 62. 2500 14.7 62. 2500 14.7 64.	58.	4	;	6	9.3			6	6	0		5		69.3
6000 10.7 50. 5000 11.3 51. 4500 12.7 54. 3500 14.7 57. 2500 14.7 57. 1500 14.7 62. 1500 14.7 64.		64.7	1.99		0			0	70.0	70.0	70.0	70.0		
2500 11.3 51. 2500 12.7 54. 2500 14.7 57. 2500 14.7 57. 2500 14.7 62. 1500 14.7 64. 1500 14.7 64.	59.3	64.1	9	0	0.0			0	0	70.0		0		
4500 11.3 52. 4500 12.7 54. 3500 14.7 57. 2500 14.7 57. 1500 14.7 62. 1500 14.7 64. 1500 14.7 64.	0.09	65.3	67.3				70.7	70.7	0	70.7	70.7		70.7	7007
2500 14.7 57. 2500 14.7 57. 2500 14.7 57. 2500 14.7 62. 1500 14.7 64. 1000 14.7 66.	1009		8	1	1.3			-	-	71.3		-	-	
3500 14.7 57. 2500 14.7 57. 2500 14.7 62. 1500 14.7 64. 1700 14.7 66. 1000 14.7 66.	62.7	68.0	70.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
3000 14.7 57. 2300 14.7 59. 1800 14.7 62. 1300 14.7 66. 1000 14.7 66.	90	0	2	3	5.3		2	5	10	75.3	3	3		
2500 14.7 59. 2000 14.7 62. 1500 14.7 64. 1700 14.7 66. 900 14.7 66.	66.	72.0	74.0	77.3	-	77.3	77.3		77.3	77.3		77.3		77.3
2000 14-7 62- 1300 14-7 64- 1300 14-7 64- 1000 14-7 66- 900 14-7 66-	68.	*	9	6	9.3		6	6	79.3	79.3	6			-
1300 14.7 64. 1300 14.7 64. 1300 14.7 66. 900 14.7 66.	72	78.0	80.0	10				10	83.3	83.3		83.3		1
1200 14.7 66. 1200 14.7 66. 900 14.7 66.	74.	6	-	5	5.3		5	3.	10	3.	5			10
1200 14.7 66. 1000 14.7 66. 900 14.7 66.		4	87.3	91.3			93.3		93.3	93.3	93.3		93.3	93.3
900 14.7 66.	78.	88.0		12	0			•	100	8	9	98.0		98.0
900 14.7 66.	79.		2	9	6.3				66.3	86.3	99.3			99.3
	30.		2		10.0		0	0	0					000
800 14.7 56.	90	89.3	92.7	97.31	0.01	00.00	00.00	0	1000	0000		10000		000
700 14.7 56.	80.	89.3			10.			0	0	0.00				000
7 66.	80.	89.3	92.7	-	0.01		00.00	0.00			100.0			000
.00 14.7 66.	BO.	89.3		7.31	10.	00.00		0	0.001		0	100.0	00.00	000
.7 66.	80.	89.3	92.7	2	0.01		00.00	0.00	0		100,0		100.001	00.00
300 14.7 66.	80.	89.3	1.76	16.76	0.	10.00		0.00	0.001	0.001	100.0	100.0	0.001	0000
.7 66.	80.	89.3	92.7	97.31	.01	00.00		0		0.001		0	100.001	000
100 14.7 56.	2		1.76	6.1	10.00	00.00	00.00	0.00		0000	100.0		00.00	000
4.7 66.	90.	89.3		97,31	10.00	00.00	00.00	0000	100.0	0000	100.0	100.00	10000	000

TOTAL NUMBER OF OBSERVATIONS

150

050

SMOS

DIRNAVOCEANMET

20

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELD, CALIFORNIA

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

L3 HOURS (LS.T.) SEP

CEITING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
	6 V	* */	N AI	VI	ε Al	1 2%	N N	۲۱ ۲۲	V 7 %	ŽĮ.	N N	* Al	X Al	≥ 5/16	AI	٨١
NO CEILING	· ·	0 6		0.08	84.7	81.3	82.7	82.7	82.7	82.7	86.7	82.	82.7	86.	7 86.7	82.7
00081 VIV	20 20		81.3	3 4	84.7	85.3			86.7		86.7	86.7	86.7	86.	7 86.7	86.7
	000			86.7	86.0	86.7			90.7			906	7 90.7	906		
		9 9		67.3	89.3	0.06		91.3	91.3	91.3	91.3	91.3	16	91.	9 91.3	
90 VI VI	00			68.0	90.06			92.0	92.0	92.0	92.0	00	00	92.		92.0
9 8 AI AI			86.0	88.0	90.0	92.0	200	93.3		93.3	93.3	93.3	93.3		3 93.3	93.3
95 96 98	3-	. 0	86.0	89.3	-:	92.0	93.3	99.9		93.3	93.3	m 0	9 99.0		99.3	99.0
3000	m .	m .	91.3	95.3	96.7	98.0		99.3		99.3	98.3	98.	99.3	98.	3 99.3	98.
12 280				95.3	97.3	98.0		99.3	99.3	99.3	99.3	99.3	99.3	99.	3 99.3	99.3
88		::	92.7			98.7		000		000	000	000	0.0010	000	000	-
			92.7				0000	000	000	000	000	000	HALL	000	0000	-
8 88	24.0	000	92.7	96.0	98.0	98 98 98 98 98	0000	0000	00.00	0000	100.0	0000	0.0010	000	0.00	000
88	::	33	92.7		98.0	98.7	00		100.0	00	000	-	000	100	0000	000
8 8 M M	::	::	92.7	96.0	98.0	98.7	00.00	00.00	100.00	0000	100.0	100	0010	100	0000	000
8°	::	::	92.7	96.0	98.0	98.71	00.00	0.001	100.00	0000	100.0	100	000	100	0.0010	000

0

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

MOFFETT FIELD, CALIFORNIA

(FROM HOURLY OBSERVATIONS)

NO CEILING

(FEET)

≥ 20000

VI VI 0006 0006

Y 1400

2000

0

9000

3200

AI AI

4500

0

2500

AI AI

1500

AI AI

0

1200

AI AI

88

AIAI

88

AI AI

PERCENTAGE FREQUENCY OF OCCURRENCE

91 MONTH

SEP

97.3 98.0 100.0100.0100.001 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0 0.0010.0010.0010.001 0.0010.0010.0010.0010 0.0010.0100.0100.01 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0 100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0 0.0010.0010.0010.0010.0010.0010.0010.0010.00 00.0100.0100.0100.00 99.3 99.3 00.00100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0 ٨١ 0.86 89.3 97.3 97.3 616 93.3 0.06 96.0 ٨١ 98.0 89.3 0.06 0.46 0.96 97.3 99.3 91.3 92.7 93.3 94.7 98.7 0.06 97.3 98.0 66.3 100-0100-0100-0100-0100-0100-0100-01 6119 93.3 0.96 61.3 94.7 1.76 90.7 2 11 00.00100.0100.0100.0100.0100.0100.0100.0100.01 100.0100.0100.0100.0100.0100.0100.01 0.0010.0100.0100.0100.0100.0100.0100.0100.00 00.0100.0100.0100.0100.0100.0100.0100.0100 0.96 97.3 98.0 0.06 93.3 97.3 7.86 99.3 91.3 0.46 89.3 90.7 94.7 ٨١ 89.3 0.86 0.46 6.76 97.3 0.06 0.96 66.3 61.3 93.3 92.1 1.46 % \ 98.0 89.3 6.76 60.3 93.3 97.3 97.3 0.96 90.0 40.4 91.3 94.7 98.7 92.7 <u>__</u> VISIBILITY (STATUTE MILES) 98.0 0.06 97.3 0.96 99.3 93.3 7.46 7.86 91.3 92.7 ¥ 1% 0.86 99.3 99.3100.0100.0100.0100.01 97.3 61.3 0.96 7 7 98.0 0.96 66.66 6.70 93.3 91.3 6.16 98.7 4006 92.7 0.46 7.46 AI 96.0 90.0 97.3 66.3 94.7 0.0010.00 99.3100.0100.0 0.0010.00 98.7 0.0010.00. 99.3100.0100.0 00.00100.00 100.0100.0 0.96 98.0 90.0 93.3 97.3 97.3 66.3 92.7 98.7 84. 91.3 94.7 90.7 W Al 99.3 0.06 97.3 89.3 0.46 65.3 98.0 7.86 90.7 96.7 66.3 96. 1 66.66 0.46 0.86 92.0 95.3 97.3 6.66 88.0 89.3 0.06 66.3 99.3 7.06 7.86 7.96 92.7 96.7 66.66 N Al 88.7 0.96 95.3 92.0 93.3 97.3 87.3 96.7 90.7 94.7 94. ٨١ 38.0 34.0 36.0 37.3 35.0 38.7 38.7 36.7 36.1 38.7 38.7 38.7 36.7 36.7 38.7 38.7 38.1 34.7 38.7 2

TOTAL NUMBER OF OBSERVATIONS

150

80

AIAI

0

9

88

AIAI

88

AI AI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1.5.T.) SEP

CEITING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(PEET)	2	4 AI	8 4	AI AI	6 VI	Y 2%	1 2 2	٧١ ٧	¥1 VI	AI	X Al	*	Z Al	≥ 5/16	N AI	٨١
NO CEILING		84.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
Y 20000		86.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
000\$1 4		86.7	89.3	89.3	89.3	89.3	89.3	89.3	6	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2 16000		86.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
		86.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
12000		88.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
		90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
0006		90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
		91.3	0.96	94.0	94.0	0.46	0.56	0.46	0.46	94.0	0.46	0.46	94.0	94.0	0.46	0.46
7000		91.3	0.46	0.46	94.0	0.46	0.46	94.0	0.46	94.0	94.0	94.0	94.0	0.46	0.46	0.96
		92.0	94.7	94.7	1.96	94.7	7.46	94.7	94.7	94.7	94.1	4.7	1.46	94.7	4.7	94.7
9006		95.3	0.86	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1		95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0			98.0			98.0
141		95.3	98.0	98.0	98.0	98.0	98.0	98.0	8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
		95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0		-	98.0	98.0	98.0
3000		95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0		0.86	98.0	98.0
1		97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00	0.001
7 2000		97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0000	0000
		97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10000	0.001	10000	0.001	10000
N 1500		97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.00	0000	0000
2 1200		64.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.001	100.0	0.00	0000
		97.3	0001	000	0.001	0000	0000	000	0.001	000	0.00	0.001	000	00.00	0.00	00.00
88		97.3	100	000	100	0000		00.00	000	000	100	100.0	100	0000	00	000
		97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00	0.001
8		97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.001	0000
8 41		64.3	100.0	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100.0	0.001	0.001	100.0	0.001	0.001
		97.3	100.0	100.0	100.0	100.0	0.001	100.0	100.0	100.0	0.001	10000	0.001	00000	0.00	00.00
88	000	97.3	100	0000	100	0000	000	100.0	00.00	000	100.0	0000	1000	100	000	000
		97.3	100.0	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00	0.001
0		97.3	100.0	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0000	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

THE RESIDENCE AND DESCRIPTION OF THE PERSON
MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP

22 HOURS (1.5.T.)

CEILING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEF)	2 1	9 11	80 Al	4	e Al	≥ 2%	N AI	¥1 ¥	×1 ×	Ā	* 41	*	% Al	≥ 5/16	N N	٨١
NO CEILING	32.0	76.	0 73.3	73.3	73.3	77.3	73.3	73.3	73.3	77.3	77.3	77.3	77.3	77.3	77.3	73.
V 18000	33.3	9	77.3	7.3	77.3	17.3	77.3	77.3	77.3	77.3	7.3	77.3	11.3	77.3	77.3	-
	33.3	0	200	5	2:	200	6.11	6011	6.1	1103	601	60	6011		500	
V 14000	36.0	9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.
	34.0	76	78.0	78.0	78.0	78.0		78.0	78.0	78.0	78.0	-	78.0	78.	78.0	78.
3 8 1 A 1	34.0	76.	78.0	78.0	78.0	78.0		78.0		78.0	78.0	78.0	78.0	78.	78.0	78.
	35.3	7.8	19.3	79.3	79.3	19.3	79.3		79.3	79.3	79.3		79.3	79.3	79.3	79.
1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	35.3	78.	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.
1	35.3	6	80.7		80.7		80.7			80.7		80.7				80.
2000	36.0	80.	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.
1	36.0	80.	0.78	82.0	82.0				2	82.0	82.0				82.0	82.
900	36.0	80.	82.0	82.0	82.0	82.0	82.0	85.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.
	36.0	81.	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.1	82.7	82.7	82.7	82.7	82.
3000	36.0	81.	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.
	38.0	83.	84.7	84.7	84.7	84.1	4	84.7	84.7	84.7	84.7		84.7	84.7	84.7	84.
7 2000	38.0	84.	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
1	38.0	86.	87.3	87.3	87.3	87.3	-	87.3	87.3	87.3	-	87.	87.3	87.3	87.3	87.
1500	38.7	88.	90.0	0.06	90.0	90.0	0.06	0.06	90.0	0.06	0.06	3	90.0	90.0	90.0	900
1	38.7	92.	1.56	94.7	94.7	94.7	*		4.7		100	0	94.7	94.7	94.7	. 76
90	38.7	94.	61.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.
	38.7	95.	0.86	98.0	98.0	98.0			98.0	0.86			98.0	98.0	_	98.
8	38.7	96	98.7	186	98.7	98.7	98.7	98.7	18.1	98.7	98.7	98.7	98.7	98.7	98.7	. 86
	38.7	96	-	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	99.3	99.3		99.3	66
8	38.7	97.	100001	0.001	100.0	-	100001	100.00	100.00	10000	100.0	100.0	100.0	10000	100.0	4
	38.7	97.		0.001	100.0	100.001	0.001	0.001	100.0	0.001	100.0		100.0		100.0	100
904	38.7	97.3	-	0.001	100.0	100.001	100001	100.00	100.0	10000	100.0	10000	100.0	100.0	-	-
30		97.3		0.0	0.001	0.001	0.001	0	0.001	0.00	0.001	0.001	0.001	100.0	-	100
	20.	71.3	100.001	0.0	0.001	000	00.00	.00.0	0.001	0000	0.001	0.001	0.001	0000	•	001
80	38.1	0.10	0000	000	100	100	0000	000	0000	000	100	0000	1000	000	000	000
1		•		?	2	,	2		2	2	-	2			2	

TOTAL NUMBER OF OBSERVATIONS

130

0

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE. NC

The state of the s

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1 S.T.) SEP

	0 1	4.99	38.6	0.6		9.69			11.9	12.8	13.2	3.8	15.3	5.8	16.8	1.1	8.8	10.3	82.5		17.2	11.4	92.8	7.2	19.1	19.4	6.6		0.00	0.00	0.0	000	
	× 1	9.9	•	•	9.1 6	9.	0.8 7	-	1.97	2.8 7	3.2	3.8	m.	.0	6.8		20		5	0.	7.2 8	1.49	5.8	7.2 9	9.1	*	9.9	6 6 6		0	0	0.0	0.00
	\$/16	9 4.	9 9.	9 0.	.1 6		.8 7	-	.9 7	-	.2 7	.8 7	-	.8 7	.8		80		.5 82	00	.2 8		. 8	~	-:	4.	6.	66 6.	6	0.	010.	2	010
	VI SS	_	9	69 0		69 9	8 70		9 71	^	2 73	-	3 75	8 75	76	-	8 78	00	5 82	00		16 4	0	-	1 99	66 5	_	0	-	20	2	2	0010
	AI X	_	0	_	•	0	70.	-	71.	72.	-	73.	75.		76.		78.	80.	0	84.	87.		95.		99.	.66	0	66	100	01	-	9	1001
	*			.6	69.1	6	70.8		71.9	72.8	73.2	73.8	75.3	3	76.8		78.8		82.5	84.0		91.6		-	99.1	6					0001	•	0000
	*	•	•	.6	69.1	•	10.8	11.6		72.8		73.8	75.3		16.8			0	82.5		87.2	4.16		•		4.66		6.66	0	0	0	0000	0.00
	-	6.3	8.5	6.8	0.6	9.5	0	1.5	1.8	2.7	3.1	3.7	5.3		6.7	7.6	8.7	0.5	2.4	3.9	7:1	1.3	5.1	7.1	0.6	6.6	8.6	9.6	16.6	16.6	9.91	16.6	16.6
F MILES)	7.1		.5	6.	900		1.	5 7	1.8 7		1.1	1.1	1.3 7	1.87	7 7.0		1.7	3.2 8	4.5	6.	1.18	1.3 9		7.	0	.3		8	•	6.	6.		6.
VISIBILITY (STATUTE MILES)	AI 2	3 66	5 68	9 6	69 0	5 65	.7 70	5	8 71	7 72	1 73	1	_		7 76	9	7 78	2 80	4 82	9 83	1 87	16 6	7	.1 9	66 0.	.3 99	8.		0	56 6	66 6.	6	2
ISIBILITY	Y 1%	3 66		89 6	69 0	69 5	0	5 71.	8 71	7 72,	1 73.	7 73.	3 75	8 75	7 76	-	7 78	2 80	4 82	6 83	1 87	3 91			0		66		0	66 6	66	66	6 6
,	7		68.	68.	69	69	70.	11.	71.	72.	73.	73.	75.	5	76.	-		0	82.		87.		95.	97.						-66	•	.66	.66
	2 2%		68.3	68.8		6	70.5	11.3	71.7	72.5	72.9	73.5	75.1	15.6	76.5	11.	78.4	6	82.2	83.7	86.6	90.8		96.3	98.1	98.4	98.8	*		96.8		80	
	8		69.0	68.3	4.89				71.2	72.0			74.0	75.1	76.0	16.9	77.9		81.7		86.0	1.06		•	97.3		91.9	6.16			97.9	97.9	61.6
	4	4.59	67.6	6.49	0.89	68.3	4.69	6.0	9.01	71.4	11.8	72.4	0.47	74.5	75.4	16.3	77.3	8.81	81.1	82.5	85.3	89.3	65.6	2.96	95.8	0.96	7.96	4.96	4.96	96.4	4.96	4.96	10.4
	\$ 4	9.		0.	7	*	~		9.3			1.2	2.8	3.3	4.2	5.1	6.1		9.	. 3	-	.3	•		.3	• 5	6.	6.	6.	6.	6	•	6.
	•	.3 64	-	_	_	-	-		_	_	-	_	-	-	_	_	_	-	-	-	-		7	0	0		*		*	*	3		*
	Al																		.5 76.									-					_
	2 1	23.5		24.	24.	24.	25	25.	25.	26.	26.	20.	24.	5)	27.	27.	28	59.	29.	29.	29	29.	29.	29.	29.	59.	30	30	30	30	30.	90	30.
CEILING	(FEET)	NO CEILING	≥ 20000		≥ 16000		> 12000		900 AI		7000		2000		141		3000		7000		1500		V 1000		8		8	98	84		1 30	8	1

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

0

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

O1 HOURS (LS.T.) DC T

CEILING								(31)	VISIBILITY (STATUTE MILES)	(3)						
(FEET)	0 1	9 11	SAI	4	e Al	> 2%	7 41	¥1 ¥	VI 74	-	* Al	* 11	Z AI	≥ 5/16	N AI	AI .
NO CEILING	28.4			72.3	72.9			72.9	72.9	72.9				72.9		72.
2 20000	29.0	4.89	71.6	73.6	74.2	74.2	74.2	74.2	•	74.2	74.2	74.2	74.2	74.2	74.2	74.
	29.0		11.6					74.2		74.2					74.2	74.
2 16000	29.0		71.0	73.0	74.2	74.2	74.2	74.2	74.2	74.2		74.2		74.2	74.2	74.
	29.0		11.6					14.8								74.
2 12000	29.0	69.0	72.3	74.8	75.5	75.5	75.5	75.5		75.5			75.5	75.5		75.
1 -	29.0		72.9							76.8						
900	29.0		73.6	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.
	29.0	71.0	74.2				8								78.1	78.
1 7 9 9	29.7	71.6	74.8	78.1	78.7	78.7	78.7	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.
	29.7	72.3	75.5	78.7	6	6	6					6		6	79.4	79.
9000	30.3	74.2	77.4	80.7	81.3	81.3		81.3	81.3	81.3		81.3	81.3	81.3	81.3	81.
	31.0	75.5	78.7	81.9		100,000	2.	82.6				2			82.6	
7 4000	31.6	76.8	80.0	83.2	83.9									3		
	32.3	78.7	81.9			85.8	3	3.	•	85.8	3.	5	3	5	5.	85.
3000	32.3	19.4	82.6		86.5			86.5	86.5		86.5		86.5		86.5	86.
	32.9	82.6	85.8	89.0				89.7		89.7	89.7			6	89.7	89.
7 2000	32.9	82.6	85.8			89.7		89.7	89.7		89.7			6		89.
	32.9	82.6			6	6		89.7			89.7			89.7		
1500	32.9	85.2	89.0	92.3	92.9		2.			6.26	65.6				65.6	92.
1	32.9	87.1		1.96		8.96		8.96	96.8		9			96.8	96.8	96
90	32.9	87.1			8.96			8.96	8.96	96.8	0	96.8				96
	32.9	87.1		8.96	4.16	4.16			4.16		97.4				97.4	97.
8	32.9	87.1	92.9	-				00	98.1	98.1	30		98.1	98.1	98.1	98.
	32.9	87.7		98.1	4.66				•	4.66	4.66			4.66	4066	
8	32.9			98.1	6	4.66	0	0			0	0	4.66	4.66	4.66	99.
	32.9			1.86	4.66	6		4.66			4.66	6	4.66	40.66	4.66	.66
8	32.9		93.6	98.1	4.66	4.66		4.66	4.66	4.66	0			4.66	4.66	
	32.9				4.66	4.66		4.66	4.66	4.66	4.66		7.66	99.4	7.66	.66
300	32.9	87.7	93.6	98.1	4.66	4.66	4.66	4.66	99.4	4.66	4.66	0	4.66	4.66	99.4	99.
81	32.9		93.6	1.86	4.66	\$ 66	4.66	3.66		7.66	4.66	4.66	3.66	4.66	0.001	100
		Ī	-	-	-	-		-	-		-		-		The same of the same of	

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (1.5.7.) DCT HONTH

2000

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S						
(FEET)	2 11	o Al	S AI	71	e Al	Y 2%	1 N	¥1 ¥	VI 71	-	* 11	*	Z AI	≥ 5/16	AI 3	٨١
NO CEILING	:	59.	-	62.			2.	2.		2.		62.6	63,2		63	63.2
> 2000		61.		64.5	64.5	*	3	2	5.	3.	2	2	2	2.	65.	65,8
		61.		64.	64.5			65.2	65.2	65.2	65.2		8 . 59	2	69	65.8
N 16000	:	61.	63.9	. 40	64.5	64.3	2.59	3		3.	2	65.2	2	2	65.	65.8
	:	61.	3	64.				5.	•	5.	•	3.	8.69	5	69	65.8
12000	:	61.		64.5	64.5	64.5	65.2	65.2	69.2	65.2			3	2	65.	65.8
	-	61.		0			-			-			61.7		67.7	
900	-	62.	66.3	67.1	67.1	-		-	67.7	-	67.7		68.4	68.4	•	68.4
	-	64.		6	69.7	6		0		0		0	11.0	-	7:	71.0
141		65.	69.0	10.3		70.3		:	71.0			71.0	71.6	-	71.6	71.6
		65.	:		70.3	0		:		-			71.6		:	71.6
98		-		72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	73.6	73.6	73	73.6
	6	67.	-			2		3		60				*	14.	74.2
38		67	71.6	72.9	72.9			73.6				73.6	74.2		74.	74.2
		67.			73.6						*	;		*	74.	74.8
300		69	74.2	75.5	75.5	75.5				76.1		76.1		.9	76.	76.8
		72.	77.4		78.7			6		6		10.4	80.0	0		80.0
300			78.7	80.0	80.0									•	81.	
		75.	80.0	-	81.3	81.3	-	-:	81.9	-		81.9	82.6	82.6	82.6	82.6
141	0			84.5	84.5		85.2			85.2	2	85.2	5		3	
	•	81.	85.8	87.7	87.7	87.7		8				88.4	89.0		89.	
8	:	83.		91.6	91.6	91.6	92.3	92.3		3		92.3	92.9		0	92.9
		83.	89.7		92.9	92.9	;			3	•	•	8.46	3	*	
8		85.	-	95.5	95.5				;	•	•		97.4		97.4	
	0	85.	92.3		1.96			1.86			8		98.7			98.7
8		85.			90.9	.0	98.7			98.7	•	98.7	4.66			99.4
	0	85.	2		8.96		48.7	98.7	7.86	98.7						4.66
141	0	85.	92.9	•	96.8		7.86	98.7	98.7		7.86	98.7	4.66			99.4
			2		8.96	. 0	98.7	48.7	48.7	2000	-	48.7	4.66			99.4
8	30.3	85.	92.9	96.8	90.96	96.8	98.7	98.7	98.7	28.7	98.7	98.7	4.66	4.66	4.66	99.4
			92.9	8.96	8.96		7.86	1.86		1000	1.86	1.86	4.66	40.66	4.66	100.0
0	30.3	85.8	92.9	8.96	96.8	96.8	98.7	98.7	186	98.7	98.7	98.7	4.66	4.66	4.66	100.0

TOTAL NUMBER OF OBSERVATIONS

155

0

3

DIRNAVOCEANMET SMOS



















































































0 HOURS (LS.T.) MONTH

		- 0	0	. 0	2	6	5	1	1	2	-	+	3	3	6	2	*	4	0	2	2	0	0 0	-	20	-	_	-	7 1		*
	VI %	58.		62		63.	99	67.	67.	67.	67.	68.	0	70.	72.	74.	-		80.	83.	86.	89.	16	.74		96		98	800	000	
	≥ 5/16	58.7	: .	62.6	3	3			•			8	0	0	2.	;		6	0	3	•	6	:	2	:		00	98.1	98.7		***
	Z Al	58.7		62.6					1.19	67.7											86.5		016	•			98.1	98.1	1.86	0 20	100
	*	5801	-	610	2.									10													4.16	•	98.1	. 80	100
	% Al	58.1	:	61.9	2	3	5			-		-	6	0		19	76.8		6	2	85.8		-	2	:	2	.,	7.	1.86	100	100
ES	Ā	58.1	-	61.9	2.				1.		1.	-	6	6	3		.0		6	5.	•		•	2	•	2	•	-	98.1	•	1001
VISIBILITY (STATUTE MILES)	¥1 VI	58.1	:	61.9	~	3.				1.	1.	-	6	6	3				6	2.		8	91.0	3		;		96.1	96.8	0 0	20.0
IBILITY (ST.	7 1	58.1	:	61.9		63.2			67.1												85.8		:	?		;		96.1	96.8	•	20.0
VIS	7	58.1	-	61.6	2		5		-	2	1.	1:	6	6	2.	3	.0	. 8	6	5.		8	-	-	3	;	5.	95.5	•		100
	Y 2%	58.1	:	61.9	-	2		5			.9		•		-	3	16.1			-			0.00		•	•			93.0	•	23.0
	e Al	57.4	0	90.7	0	61.3	3	3	3	10	3	3	-	-	0	-	4	0	0	0	80.7		•	•			87.7		4.68		***
	AI	56.8	•	0000	0	:	3	63.9	*	64.5		65.2									78.7		61.0		82.6				84.5		0.40
	SO AI	54.8	37.04	38.1	58.1	58.7	-	61.9	61.9	1.	-	3	3		3	-	70.3				74.8		4.1	\$	78.1	78.1	78.7	78.7	79.4		*
	٥ ٨١	49.0	-			-			-	-	-	-	-	-	-	-		100	-	-		-	-	-		100	-		4.89	- 1	-
	2	23.2																											5.92	•	
CEILING		NO CEILING	2 2000	18000		1200	1	000		> 7000		2000		900	1	3000	1	7 2000		> 1500	≥ 1200	000L VI	8		92 4	009 1		007	88		200

TOTAL NUMBER OF OBSERVATIONS

155

0000

000

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

50

PERCENTAGE FREQUENCY OF OCCURRENCE

73-77

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DCT HONTH

10 HOURS (1.5.T.)

CEILING							NISI	VISIBILITY (STATUTE MILES	ATUTE MILI	(53						
(FEET)	N 20	o Al	\$ Al	AI AI	e Al	1 2%	7	YI %	Y	- 1	% Al	*	× AI	91/5 ₹	N AI	0 1
CEILING	18	_		9	0.09	0	8.50	66.5		66.5	67.1	67.0	67.1		67.1	67.1
20000		:	0	0.09	3	5	-	-		-	5	•	72.9	5.	5	5
18000		146	0					71.6		71.6		•	72.9	•	•	•
16000		1		0.09	3	5	•	71.6	71.6	71.6	72.9	•-		72.9	72.9	72.9
14000		-			3.							72.9				72.9
2 12000		-	-					72.9		72.9	74.2	74.2	74.2		74.2	74.2
10000		-	2.	61.9	5.		2.					14.8	74.8			74.8
0006		1000		63.2		6	;	74.8	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1
8000		5			8		3						11.4		17.4	77.4
7000		45.2	55.5	65.2	0.69	71.0	76.1	76.8	76.8	76.8	78.1	100	78.1		78.1	78.1
0009		5	3	68.2	6				77.4		8		78.7	8	78.7	78.7
9000		•	;	67.1	:			10.0	19.4	79.4	0	80.7	80.7			80.7
4500		111200	-		-		6		0	0	-	81.3				81.3
4000		47.7	8	68.4				80.7	0	80.7	81.9	81.9	81.9	-	81.9	81.9
3500		-	8	4.89	2		0	80.7	0		-			-	81.9	81.9
3000		\$7.7	58.1	68.4		75.5	80.7	81.3	81.3	81.3	82.6	82.6	82.6	32.6	82.6	82.6
2500			2.	72.9	77.4	80.0	3	85.8	3			87.	87.1	-		87.1
2000		2	64.5	74.8		-			-	-		œ		6		89.0
1800		3.	3	76.8	81.3		6	89.7	89.7		91.0	91.0	91.0	91.0	91.0	91.0
1500		;	67.1	19.4		-		93.6	3	93.6	;				;	
1200		*	67.7	80.0	3	6	. 5	95.5	95.5		96.8	8.96		8.96	96.8	96.8
1000		*	68.4				95.5	96.1	96.1		2	-	97.4	-	97.4	97.4
98		;	4.89	80.7		6	5	1.96		96.1	97.4	97.4	4.16	97.4		97.4
800			4.89	80.7	86.5		95.5		8.96		98.1	98.1	98.1		98.1	98.1
200		;	4.89	80.7			3	8.96			1.86	1.86		98.1	98.1	1.86
8		;		80.7	86.5		95.5	96.8		8.96	98.1	98.1	98.1	98.1	98.1	98.1
900				80.7	86.5		.9		97.4	97.4	98.7	48.7		98.7	98.7	98.7
7 400			69.0	81.3					98.1		4.66	4.66	4.66	40.66	4.66	99.4
300	22.6	54.8		81.3	87.1	6006	8.96	1.86	1.86		4.66		4.66	6		4.66
30		*		81.3	67.1		. 9		98.1	98.1	0.001	0	0	0	0.001	00.0
901			6	81.3	87.1	800.3	. 9	98.1			0.001	•		0	•	0000
0	•	24.8	0.69	81.3	87.1	90.3	96.8	98.1	98.1	98.1	0.001	100.0	0.00	100.0	0000	00.0

TOTAL NUMBER OF OBSERVATIONS

155

9



































NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.5.7.) DC T

CEILING																
(FEET)	2	o Al	8 41	7.1	e Al	2 2%	2 Al	۷۱ ۲۵	¥1 Y	- AI	% Al	*	N N	≥ 5/16	N N	AI AI
	24.5		64.5	10.3		0	77.4	8				1 78.				78.
≥ 20000			67.1	74.2	80.0	81.9	83.9	84.5	84.5	84.5	84.	5 84.	84.	84.5	84.5	84.
			67.1	74.2	80.0	81.9	83.9		84.5	84.5	84.		84.	100	84.5	84.
N 16000			67.1	74.2	80.0	61.9	83.9	84.5	84.5	84.5	84.	5 84.	. 84.	84.5	84.5	84.
			67.1	74.2		81.9	83.9	84.5	84.5	84.5	84.	98 6	84.	84.5	84.5	84.
> 12000		57.4	4.89	75.5	81.3	83.2	85.2	85.8	85.8	85.8	85.	8 85.8	85.	8 82.8	85.8	85.
			69.7	16.8	82.6	84.5		87.1	87.1	87.1	87.	1 87.	87.	1 87.1	87.1	87.
000		59.4	70.3	77.4	83.2	85.2	87.1	87.7	87.7	67.7	87.	7 87.7	87.	1 87.7	87.7	87.
			71.0	78.1	83.9		88.4	89.0	89.0	89.0		0 89.0	89.	0.68 (89.0	89.
141			71.0	78.1	83.9	85.8	88.4		89.0	89.0	89.0	0 89.0	89.6	0.68 0	89.0	89.
			72.3	79.4	85.2	87.1	89.7	90.3			90.	3 90.3	1 90	3 90.3	90.3	.06
2000			74.2	61.3	87.1	89.0	91.6	92.3	92.3	92.3	92.	3 92.3	1 92.	3 92.3	92.3	92.
1			75.5	82.6				3.	93.6	93.6		93.	93.			93.
141			76.1	83.2	0.68	91.0	93.6	2.46	94.2	94.2	94.		. 94	3 94.2	94.2	94.
			16.8	83.9	6.06		8.76	95.5		95.5	95.	5 95.	\$ 95.	5 95.5	3	95.
3000			78.7	85.8	92.3	94.2	96.8	4.76	97.4	97.4	97.	4 97.4	97.	97.4	97.4	97.
			19.4	86.3	6.26		4.16	98.7	98.7	98.7	98	1 98.	98	1 98.7	98.7	98.
7 2000			80.7	87.7	2.46	96.1	98.71	100.001	100.00	100.0	100.0	0100.0	1000	0.0010	10000	100
			80.7	87.7	2.46		98.7	10.001	0.001	100.0	100.0	10010	100.0	0.0010	0.001	100
1200			80.7	87.7	94.2	96.1	98.71	100.00	100.00	ċ	100	0100	1000	10000	100.0	000
			80.7	87.7	2.46	1.96	98.71	100.00	00.00	100.0	100.	0100.0	100.0	0.0010	100.0	100
90			80.7	87.7	94.2	96.1	98.71	0	00.00		100.	0010	100.0	0.0000	100.0	100
			80.7	87.7	2.46	1.96	98.71	100.00	0.00		100	2100.0	100.0	0.0010	100.0	000
8			80.7	87.7	34.5	96.1	98.71	100.001	100.00	1000	100.	0100.0	100.0	0.0010	10000	100
			80.7	87.7	2006	1.96	98.7	100.001	00.00	0	01	20010	100.0	0	0.001	000
8			80.7	87.7	94.2	1.96	98.71	100.001	100.001	1000	100.0	0010	1000	0.0010	100.0	100
			80.7	87.7	2.46	1.96	98.71	100.001	00.00	0.001	100.	2100.0	10010		0.001	000
8			80.7	87.7	94.2	96.1	98.71	0	00.001	100.0	100.	0100	1000	0.0010	0.001	100
	2		80.7	87.7	2.46	1.96	98.7	100.00	0.00	100.0	100.	10010	100.0	0.0010	0.001	00
38	2		80.7	87.7	34.5	96.1	98.71	100.001	100.00	100.0	100	0100	1000	0.0010	10000	001
8	32.9	0.69	1.08	87.7	2.46		18.1	0.00	0.001	0.001	100	20010	1000	•		00
0 1	2		80.7	87.7	34.2	96.1	98.71	100.001	100.001	1000	100	00000	10010	0.000	0000	100

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MUFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10CT

9010

16 HOURS (1.5.7.)

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	(S)						
(FEET)	5 4	٨١	87	4	8 1	> 2%	1 S	VI %1	VI 71	-	% AI	* 1	N X	≥ 5/16	AI X	٨١
NO CEILING	36.1	67.		74.8			-		-	77.4	77.4	-	77.4	7.4		77.4
≥ 20000		73.	•	2	84.5	3	5.	5.	3.	3.	5.	2	85.8	85.8	2	85.8
		73.		82.6	84.5		85.0	85.8	85.8	85.8	85.8			85.8	85.8	85.8
≥ 16000		73.		2	;	3	3	3		5	2	2	2	5		
		74.	•	3	85.8	-				1.	87.1	87.1	:			87.1
2 12000		76.	-		-	8	*	88.4		88.4		88.4	8			
1 /		78.				0	0	0		0			0			0
0006		78.	85.8	87.1	89.0	90.3	0	90.3	90.3	80.3	6.06	80.3	0	90.3	90.3	90.3
1000		80.	87.7		-	2	2.	2		2.		2.	2	2		2
7000		80.	87.7	0.68	91.6	~	2			92.9			3	92.9		92.9
To y		80.		6	-	2	2.	2.		2		2.	2.	2		92.9
9006		81.				*	3			*		*	;	;		
		33		2.	4	9	9			9		9	0	9		
111		83.	•	92.9		96.8						0		.0		96.8
		84.	•	50	9	-	-	-					-			-
388	43.9	85.	•	94.2		00				98.1		98.1		98.1		98.1
1 3	44.5	85.		*	7.	00	*	8						8		8
141	44.5		93.6		-	00	98.7			20	7.86	48.7		98.7	98.7	98.7
	44.5	85.		*		00	8			00			8	98.7	7.86	98.7
1500	44.5	85.		98.8							4.66	4.66		4.66	99.4	4.66
1	44.5	85.		62.5		4.66				.6				4.66	4.66	7.66
1000	44.5	85.			98.1	6	6	0		6		\$ 66	0	4.66		4.66
	44.5					6				6	4.66	0	6	4.66	4.66	4.66
8	44.5		94.2		98.1	4.66		6	4.66	6	4.66	4.66	6	4.66	4.66	4.66
	44.5				8	6	6	0		0		0	6	4.66		4.66
8	44.5		94.2	95.8		4.66		4.66		4.66		4.66	6	•	99.4	4.66
	44.5					6			14.66		0.001	0	0			0.001
141			•	95.5	98.1	4.66				ċ	:		0			100.0
			34.5	62.5	1.86	4.66	•		4.66	100	0.001	100.0	0.001	10000	0.001	100.0
Y 200				95.5	98.1	4.66				•		•			•	
W 41	64.5	65.8	2.46	95.5	98.1	4.66	4.66	4.66	4.66	0.00		0.001	0.001	0.001	0.001	0.001
			7 . 4.	73.3	1.06	23.4	30.6	37.4	43.4	0000	0.001		•	0	0001	0001

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

















































NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	AI	81.	33	83.	83.	83.	85.	85.	85.	39.	0	1.	3			.8	66	00	00	00	00	00	00	00	00	00	00	00	00	0	0	0
		-	21	2	2	-	8	-	80	2	3	-	0	6	~	0	4	-	-	-	5	010	50	2	-	-	-	-	-	0		120
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	5/16		2	2	~	2	8	00	8	1				5		1.	4.	0	0	0	0	0	0	0	0	0	0	0	0	00	0	0
	18	81	83	83	83	83		8 8	85	68	0	-	3	95	80		0	00	8		00	00	8	00	00	00	0	00	00	000	00	0
					~	-		-	00	-		_		_				-	4	-	6	-1	-	0	5	-	6	0	0	0		
	2								5	6	0			5							00				-			0		0		0
		8			œ	-	8	8	SILLO	80	0	6	0	0	0	0	0	-		-					=	2	2	01	2	20	2	2
	*		. 2	.2	.2												*				0			0						0.0	0	
	AI	8	8	8	8	83	85		83	8	8		6	95			66	00	8	00	8	00	8	00	8	00	80	8	8	000	0	8
		6	~	~	~	2	œ	80	00	-	3		-	2				0	5	6		0	5		6	5	5	0	0	0 0	0	0
	Al Al	8	3	3	83	83	35	85	35		.06	-		95.	8	8	66	00	00	00	0	00	00	00	00	00	ö	00	ŏ	000	0	0
		2			2	-	80	1-	8	-	5	6 0	9	5	5	5	4	-	0	-	0	-	6	-	70	0	010	-	-	ž.		Ä
	-	-		3.	3.		5.6		5.6	6	0		3.6		8				0		.0	0.0		0.0		0			0.0	0		
ES	٨١	00	8	8	30	8		63						0				ŏ	õ	Ö		0	01	ŏ	ĕ	ŏ			ĕ	ŏ	è	2
W	7.	.3		2.	2	~	8	8				0		S			4	0			0	0	0	0	0	0	0	0	0	00	20	0
TOT.	AI .	81		83	83	83	85	85	85		0		3	10	8	86	66	00	8	00	00	00	00	00	00	00	8	00	00	000	200	00
VISIBILITY (STATUTE MILES)	-	6	~	~	~	~	(3)	80	8	2	0	0	9	•	-	1	+	-	do	-	0.	5	7	0	10	-	6	0	0	0	, 0	10
Ł	71	- C1256			3	3.	3		5		0			5				0	00	0	0					0		0		00	0	
SIBIS	^'	30		80		80		00	30	-		_		6	0	0	0	-	-	10	2	0:	10	9	2	20	201	07	20	0		10
>	~		3.2	. 2	3.2			. 8	•			0		.5	:		4.6	000	0.0	00	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0		
	Al	80		8	8		85		83	8	90			95		6		001	0	001	2	001	3	õ	01	0	0	001	001	000		ò
	21/5		~	2	2	2.	æ	0	8	-	m.	0			~	-	*	0	0	0	0	0	0	0	0	0	0	0	0	00	0	C
	7	10	3		83	69			-	69	06	-	1	36	86	98		00	00	100	00	00	00	00	00	00	00	00	0	00	00	00
		0				0	S		S	_		_		7	_	_	-	=	=	F	7	F	2	F	7	F	=	F	7	7	-	-
	M Al	0	-	-	-	-	*	4	*	*			3		-							. 8	8		8	8.	8	8	8	00 0	2	3
		80		00	œ	CC)	œ	8	40	œ	20	œ	0	0	0	6	0		0	6	0	0	•	0	3	6	0	6	0	0 0	0	6
		0.0							.5		0.			.2	*	. 4	-															
	Al		8	8	81	8	84		*	88	89			34				98	6	96	9	98	6	00	8	96	0	0.00	3	0 0	98	98
		7	0	0	0		0		9.			1.						20			30	130	8	00	8			00		00 of	2 20	0
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	-	8		-		1																		_		_		_		w 4	-	
	9			9		9		8	8	-	2.		5.		6			0		.0	.0											
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	9	35.5	.1		7	7	-	-	7.				4	0	•	.3			3			. 3										. 6
	Ā	35	36	36	36	36	36	38	38	38	38	38	39	0	7	7 4	7	14	7	-	7	14	4,	-	7	-	7	3	4	3 3		-
	_	+	_		-	+		-		+		-	-	-		-		-	-	-	-	-		-		-	-				+	_
CEILING	E	NO CEILING	> 20000	900	16000	000	12000	8	800	8	2000	000	2000	200	4000	900	3000	200	2000	808	1500	200	1000	8	8	100	8	200	8	88	1	80
CEIL	F.	0	W VI		1 1		141		IAI		IAI		IAI		IVI		111	1	IAI		1		1		Al	1	IAI	AI	AI	AIA		AI AI
		Ž										Ľ				L.															1	

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (1.S.T.) DCT HONTH

	٥	8 . 4	18.1	18.1	18.1	8.7	80.0	100	10.1	1.9						5.9	3.6	8 . 4	6.1	96.8	8.1	18.7	98.7	18.7	9.4	4.6	4.6	4.6	4.6	000		0.0
		8	1	117	1 7	7	0	00	7	6	2 8	2 8		-	0		9.	-	7	8	-	2	-	_	4	4	6 4	5	5 4	-	-	010
	VI N	74.	18	78	78	78.	80	80	80	81.		83	88	88		92.	3		96	96	96	96	98	86	66	66	66	66	66	001	001	100
	5/16		8.1	8.1	8.1	8.7	0.0	0.7		1.9		3.2			1.0		3.6	4.8	6.1	8.9		8.1	8.7			•	4.6	•	4.6	0.0	•	0.0
	Al		1 7	1 7	1 7	1	8	2	00	8 6	ဆ	00	4	63	6	6 6	0	0	6 1	0						0					010	010
	N N	14.	18.	78.	78.			80.		•					-	.26		*		.0			98.		66	.66	66	66	66	00	00	000
	*	•	-	1 .			0.	•-			•	. 2					9.1			80	-	. 1	1.			4.		5.	*	10.		00
	ΛI		1	1	-		0		œ		œ	00		-						96		86	86	86		-	66	-	66	01	100	100
	% AI	4.8		78.1		78.7		0	80.7	81.9	3				0.16		m	*	.0	. 9		98.7	98.1		6		** 66	•	4.66	000	00	000
		80		. 1	7		0				2	200			0				7	00	.1	7			4	4.		*	4	010	-	20
(S)	AI.	74	78	78	78	78	80		80			3	00	0	-	N	10		96	96		98		98		66	1000	66		001	001	00
TE MIL	174	4 . 8	3.1	3.1	1.0		0.0		1.0		3.5				1.0		3.6		2.1	6.8	3.1	3.7	3.7	3.7	4.6	4.6	406	3.4	4.6	0.0	0.0	0.0
STATU	Al	1	1 7	1 78	1 7	1	90	80	00	8		00	œ	7 8	0		0	0	0	0	0	0	1 98	3	0	5	4	4	4	0	010	0010
VISIBILITY (STATUTE MILES)	¥1 Y	74.	8	78.		8	0	0		-:		83.								96.									66		00	00.00
VISIB	2	80			7				. 7			.2	*	-	0		_			80	7	. 7	1.		4.	4.	4.	*	4	-	.01	00
	AI	74	78	78	78	78	80	80	80	E	83	æ	30	8		9	6	5	96	96		86	98	86	66	66	66	66	66	01	100	100
	2 2%	4.8		8.1	8.1	8.1	0.0	0	0.7	-		0	8	6	-	3	3.6	4	6.1	6.8		8.7		8		6	6	4.6			0.0	0000
	ΛI	8	1	1 7	1	77	8	7 8	7 8	8	2	2 8		7 8	0	6	9	63	6 1	8	1	1 9	7	1	4	5	4	4	4	010	010	010
	۸I	74.	78.	78.	78.	78.	80.	80.	80.		83		88		91.	92.			96	96	98	98.	96	98.	66	66	66	66	66	001	00	000
	•		4.	4.	4.4	3.1	* .	0.0	0.0		9.	•	7.7	0.6		2.3	5.9			1.5	7.4	8.1	3.1	8.1	8.1	1.1	8.1	8.7	8.7	3.4	4.6	4.6
	AI	9	1	7	8	7	8 7	. 8	4 80		8 2	00	8	00	1 90	0	7	0	3	96 6		36 8		9	3	3	2	6	6	6	2	00
	N AI	-			;				-			0	;	3	:			-	2	92.	. 40	94.	94.	94.	95.	65.	95.	.56	95.	.56	95.	95.
	•	3	•	3	•	0	6	6	6.	2.		2	0		9.	50	2		1	*					0	0	0	0	0	0	0	00
	٨١								72							1			87	88		06	06	06	91	16	16	16	6	16		919
	0				0.3															36.1		6.1	6.1	6.1	0.1	1.9	1001	0.1	1.9		6.1	36.1
	٨١	-				-			m	-	m	res	-	-	600	-	4	-	m	-	m		m	Ces	(4)	-	•••	100	•	-	-	
CEILING	(FEET)	CEILING	20000		16000		12000	1	9006	8000	7000	9009	2000	4500	90	3500	300	2500	2000	1800	1500		100		8		8		8		200	8.
_ 5	•	9	AI	^	IAI	^	IAI	٨	IAI	^	IAI	^	1 11	^	IAI	^	IAI	٨	IAI	Al	AI	٨	IAI	Al	Al	^	IAI	^	1 11	٨١	A	ALAI

TOTAL NUMBER OF OBSERVATIONS

153

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1800

DIRNAVOCEANMET SMOS

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MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) UC.

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	(53						
(FEET)	2	N AI	S AI	7 1	e Al	1 2%	2 1	VI 71	¥1 V	-	* 11	*	Z AI	≥ 5/16	N N	٨١
	27.7	0000	65.3	4.80	8.69	70.5	71.3	71.5	5.17	71.5	71.5	5011	1:16	1011		-
N 20000		020	000	-	-	•	5.	•	•	•	•	•	•	•	•	13.
N 18000		95.		71.7	•	* .		13.5	13.5	15.5	12.	12:	12.0	200	200	-
100		62.	68.		3		3		•					•	•	75.
		62.	68.	•			3.	•	9		9			9	;	76.
2 12000		63.	69	73.2			•		-		-				-	77.
-		64.	1				8		8	8			78.7			18.
8		65.	71.5	75.0	76.7			78.9		78.9	6	29.0		79.2	6	79.
		.99	72.				0		0	0	0	0	81.0		:	81.
141		66.	73.4	77.1			:	81.1		81,1	-		-		:	81.
	38	67.	73.				-		-		-	-	-		-	81.
388		69	75.	79.7			83.0	83.8	83.8	83.8						84.
	32	70.	1	10			1	85.1		3	2	-	3	2	2	85.
414		7.	78.	81.0	83.7			86.		86.1				86.4	9	86.
	38		10		8 . 8											87
3200	•	3 5	10			•										
	•	.3.			-				:				3	0	-	
> 2500		74.	82.	86.0	*	169	0		:	•	6			200	:	0
		75.	83.	•	6		:		•	-	-	-	-	:	-	_
		76.	83.		6	•	1.			2	5		5.	92.3	3	Carlo Carlo
1500		77.	84.	89.1	-	2			:			;	;	64.3	:	
		78.	83.	8008	2.	*	5	3		3	3	3	3	6.56	2	95.
1 1	33.4		86.5	91.1	93.5	6.46		96.5	96.5	96.5	•				8.96	96.
		78.	86.		. 4		.9	-		-	-	:	-		:	97.
8	33.4	78.	87.2	91.9	;	9	:	97.8	:	97.8		8			8	
1		7	87.4		*			8		8						
38	33.4	79.	87.5	92.3	6.46			98.6		98.6				0.66	6	99.
		79.	87.6	92.3	5	9					6	6	6	4.66	6	
38			87.7	95.6	95.2	96.8				99.1		66.3			4.66	99.
		79.	87.7	92.7	5	6.96	8			1000	6		6	99.6	6	
38			87.7	92.7	95.3	6.96	98.6	0.66	0.66	99.3	99.5	8.66	1.66	49.7	1.66	.66
	33.4		87.7	92.7	95.3	6.96		0.66	6			5.66	49.7	8.66	6	99.
111	33.4	79.1	87.7	92.7	95.3	6.96		0.66	0.66	806		8.66			99.8	1000

0

TOTAL NUMBER OF OBSERVATIONS

1240

0

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0

0

0

0 0

0

NON

0

OI HOURS (LST.)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	S						
(FEET)	N 20	9 11	AI	7 1	E AI	≥ 2%	7 7	VI %	¥1 V	-	* AI	* 11	Z Al	≥ 5/16	× Al	0 11
NO CEILING	37.3	50.3	62.7	66.0	10.1	100	71.3	71.3	71.3	71.3	11.3	71.3	6.17	11.3	11.3	11.3
		2000			•	•	•									
0001			6.00	100	200	2 4			1	1000	1	74.7	14.	7		
		2000	200		•	•										
1400		0.60	6000	100	3.6	74.0	•	100	•	•	•.	•		•		
	2	-00	.00	000	200		•	700	000	•	0	000	000	000	000	0
N 1000	-	62.0	0.89	71.53	76.7	16.7	7.3	71.3		77.3	17.3			17.3		77.3
128		62.7	68.7	72.0	77.3	17.3		78.0	78.0			78.0	78.0		78.0	78.0
	0	0.99	70.0	73.3	78.7	78.7	19.3	79.3		.6	79.3	79.3	79.3			79.3
7000	0	64.0	70.0	73.3	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	0	64.7	10.1	0.4	79.3	19.3		80.0		0		80.0			80.0	80.0
2000		56.7	72.7	76.0	81.3	81.3	82.0	82.0	82.0	82.0	82.0		82.0	82.0	82.0	82.0
		69.3	0.01	79.3	84.7		5	85.3	0	5		65.3		5		85.3
900	1.	70.0	76.7	80.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0		86.0	86.0
	-	70.7	17.3	80.7	86.0	0.99		86.7	86.7	86.7	86.7	86.7	86.7		86.7	86.7
3000	0	74.7	82.0	85.3	7.06		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	0	76.0	83.3	86.7				45.7			1.26	92.7	45.7		1.76	92.7
7 2000	0	77.3	84.7	88.0	93.3	93.3	0.46	0.46	0.46	0.46	0.46	0.46	0.46		0.46	0.46
100	0	17.3	84.7	0.88	63.3			0.46	0.46	*			0.46	0.46		0.46
7 1500	48.0	78.7	86.7	0.06	95.3	98.3		0.96			0.96	0.96	96.0		_	96.0
- 33	0	78.7	86.7	0.06	62.3	95.3	0.96	0.96		0.96			0.06	0.96	0.96	96.0
1000		78.7	86.7	0.06	65.3	95.3	0.96	0.96	0.96		0.96	0.96	0.06		0.	96.0
		78.7	86.7	0.06	65.3	95.3		0.96	0	.0	0.96		0.96		0	0.96
80		78.7	86.7	0.06	95.3	95.3	0.96	0.96		0.96	•	0.96	0.96		0.96	96.0
		78.7	86.7	0.06	65.3	95.3		0.96		0	0.96	0.96	0.96	0.96	0.96	96.0
8		78.7	86.7	0.06	65.3	0.96	1.96	100	1.96		1.96	1096	1.96	.9	1096	7.96
	8		87.3	1006		1006	98.0	0.86	0.86	98.0	0.86	98.0	98.0	0.86	98.0	98.0
1 400			87.3	90.7	0.96	1.96	0.86	98.7	98.7	98.7	7.86	28.7	98.7	98.7	98.7	7.96
	48.0	19.3	88.0	61.3	1.96	61.3		66.3	66.3	66.3	66.3	66.3			66.66	66.3
7 200			88.0	91.3	1.96	61.3	7.86	99.3	66.3	86.3	66.3	66.3	66.3	66.3	86.66	66.3
W 100	0.84	79.3		61.3		97.3		6	66.3		66.3	66.3	66.3		66.3	66.3
	48.0	19.3	88.0	91.3	1.06	97.3	98.7	99.3	86.66	66.66	66.3	99.3	66.66	88.3	99.31	0000

TOTAL NUMBER OF OBSERVATIONS

150

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

MOFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 HOURS (1.5.T.) NON

0

	0 Y	7 68.7 68.7 68.	69.3 69.3 6	69.3 69.3 69	72.7 72.7 72	0.07 0.07 0.07 0	76.7 76.7 76	80.7 80.7 80	6.0 84.0 84	90.7 90.7	92.0 92.0 9	4.0 94.0 94	94.0 94.0 94	94.7 94	6.0 96.0	.3 97.3 97
	AI **	7 68.7 68	69.3 6	200	2.77	76.0 76	.7 78.7 78	80.78	86.	90.7	00	94.0 9	94:0	20	7 96.7	97.3 9
MILES)	A	0 64.7 64	69.3	9.3 69	27.27	74.7 74	76.7 76	84.0 84	84.0 84	98.0 88	92	94.0 94	94.0 94	94.7 94	96.0 9	97.3
VISIBILITY (STATUTE MILES)	%1 Y1 %1 Y1 %1 X1 X1	0 64.0	68.7	7 68.7 68	0 72.0 7	3 75.3 7	3 78.0 7	7 83.3 8	8 80.08	3 90.0 9	7 91.3 9	7 93.3 9	3 94	94.0	7 95.3 9	3 96.7 9
	≥ 2% ≥ 2	3 68.0 64.	68.7 6	69.3	72.0 72.	75.3 75.		.7 82.	85.3 85.	9.3 89.	90.0 90.	92.7 92.	93.3 93.	3 94.0 94.	4.7	95.39
	1 A 1	58.7 63.3	3.3 68.	3.3		73	0 75	7 82.	.3 84.	.3 88.	.0 89.	7 92.		6.60	87.3 94.0	87.3 94.
	\$ AI 9 AI	0 0	0.0	10	90	0.0		60	7 77	01	.3 82.	8 6	40	80.7 85.3	44	
EITING	(FEET) ≥ 10	- 00	00	14000	10000	~		4500 46.	4 4	. 0	200	00	00		00	00

0

0

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

6.0

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

THE RESIDENCE AND ASSESSMENT OF THE PARTY OF

MOFFETT FIELD, CALIFORNIA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOV MONTH O7

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	2 1	4 AI	\$ 11	AI AI	8 41	> 2%	2 4	۲۱ ۲۲	VI 71	-	* 11	*	Z AI	≥ 5/16	VI VI	0 11
NO CEILING		50.	52.7		0	60.7	1	-	-	-	-	61.3			2.	
> 20000		52.	54.7	59.3	2.	4	;	64.7	4.	4	*	64.7			3	66.0
		52.	54.7	59.3	2.		;	64.7	64.7	64.7		1.49		64.7	•	999
V 16000		53.	55.3	0.09		*	3	65.3			3	65.3		2	0.99	66.7
0.00		53.	•	2009	*	5	9					0.99				67.3
12000	32.7	54.7	57.3	0.39	65.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3		68.7
1000		56.		63.3	9							68.7			•	70.0
900		57.	0	64.7	68.0	69.3	0			0		70.0		0	70.7	71.3
		57.	0		8		0					70.0			70.7	71.3
7000		.66	3	66.7	0	:	2.							•	72.7	73.3
		61.	:		2.		:								14.1	75.3
9006		63.		70.7	*		.9								76.7	77.3
1		99			:		6							6		80.7
141		67		74.7	78.0			80.0	80.0			80.0			80.7	81.3
		68.	0		78.7	•	0			ċ				0	81.3	82.0
3000		72.	;	80.0	83.3	85.3										
1		72.	75.3	80.7	84.7	86.7	2						:		88.0	88.7
7 2000			-	82.7			6									90.7
1		14		83.3	87.3	89.3	:				0.06		0	0	40.1	91.3
1500				83.3	87.3		0	0.06	0.06	0		0.06	0.06		40.1	91.3
		14	78.0	83.3	87.3		0			0			0	0	40.7	91.3
1000		74	78.0	83.3	87.3	6				0	0.06		0	0	40.1	91.3
0% AI			78.0	83.3	87.3	6	0						0	•	40.4	91.3
8			78.0	83.3	87.3	0	0	6					0		91.3	92.0
		74.7	78.7	84.0	88.0	40.1	-	91.3			95.0	0.26	7	2.		93,3
9		74.7	78.7	84.0		0	:	-		2			5.	5	92.7	93.3
		74.7	78.7	84.0	88.7		2.	92.7		93.3	63.3	93.3	;	0.46		95.3
700		74.7	78.7	84.0		3	2	93.3			0.46	0.46	2	3	0.96	96.7
300	45.3	74.7	78.7	84.0	88.7	92.0	92.7	93.3	0.46	2.76	24.7	94.7	96.0	0.96	96.7	97.3
		14.7	100	0.00	1.96	72.0	72.1	93.3	•	74.			•	0	100	2000
V 70	43.3	74.7	78.7	0.40	286.7	92.0	92.7	93.3	04.0	94.7	94.7	94.7	•	90.00	90.7	0.00
		100	1001	0.40	000	26.0	1.24	43.3	0.64	140	***		•	•	1006	0001

TOTAL NUMBER OF OBSERVATIONS

150

0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON

10 HOURS (1.5.7.)

CEILING						-	-	1							-	
(FEET)	2 1	o Al	\$ 11	1	N AI	N 2%	N N	YI %	¥1 ¥	Ā	% Al	*	X AI	≥ 5/16	N AI	AI O
NO CEILING	26.	64.0	46.7	6.69		56.0	.9	57.3	8	58.7	58.7	58.7	58.7	58.7	58.1	58.
> 20000	28.	47.3		53.3	56.7	60.7	1.00	62.0	62.7			63.3		63.3	63.3	63.
				53.3			0		2			3.		3	:	63.
14000		-	50.0	53.3	57.3	61.3	61.3	62.7	63.3	0.49	0.49	*		. 4	. 49	04.
		8		54.7	58.7	62.7	2.		64.7	5.	3		5	5	65.	65.
12000		2	56.0	0.09	64.0	68.0	68.0	69.3	70.0	70.7				70.7	70.7	70.
				60.7		68.7	30									1
38		*	57.3	61.3	65.3	69.3	69.3	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.
1					-	11.3			3						14.	74.
38		-		65.3	69.3	73.3	73.3	74.7	75.3	76.0		76.0	76.0	76.0	76.	76.
1		8		0.99	0					76.7		0		9	76.	16.
2000				0.99	70.0	74.0	74.0	75.3	76.0	76.7	76.7	76.7	76.7	76.7	_	76.
1		0		68.0			9				78.7		78.7		78.7	78.
101		:		70.0	74.0	78.0		79.3	80.0	80.7	80.7	80.7	80.7	80.7		80.
1		2.			74.7					81.3	81.3	-	:	81.3	81.3	
3000	42.0	66.7	70.7	75.3	79.3		83.3	84.7			86.0	86.0	86.0		86.0	86.
1		8		78.0	2	86.0				88.7	88.7	200	88.7	8	88.7	88.
7000			74.7	80.0	84.0		88.0	89.3	90.0		90.7	406	90.7	90.7	90.7	
1		0		80.0	84.0	68.0		89.3	0	40.7	90.1		0	0	40.1	
1500		0		80.0	84.0				0	0	40.1		90.7	0	90.7	
1			75.3	80.7	84.7	88.1		0.06	91.3	95.0	5.		92.0	92.0	7	92.
900		70.7		82.0	86.7					;			;	*	94.0	
		70.7		82.0		1006		2.			;			0.76	96	94.
8		70.7	76.0	82.7	87.3	92.0	92.0	93.3	4.7	3		3			95.	95.
		10.1		82.7	88.0					0.96	ċ	0.96	0.96			96.
8		70.7	76.0	82.7		92.7					0.96	•			96	96
		70.7		82.7		92.1	92.7	0.06		0.96	.0			96.0		96.
9		70.7		82.7	88.0	92.7		0.46	96.0	•	96.7	96.7			;	96
		10.1		82.7		92.1	92.7			1.96	97.3	-	98.0	98.0	98.0	
38	44.0	70.7	76.0	82.7	88.0	92.7	92.7	0.46	0.96	96.7	97.3	97.3	99.3	99.3	99.3	66
	0.44	10.1	16.0	82.7	88.0	92.7	92.7	0.06	0.96	1.96	61.3	97.3	666	66.3	66.3	100
•		70.7				93.7	-	1	-	4	-	07.7		000		000

TOTAL NUMBER OF OBSERVATIONS

150

0

1

200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

73-77

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NON NO

13 HOURS (1.5.7.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	9 11	sc Al	AI AI	۱۸.	> 2%	2 4	VI Z	YI YI	-	* Al	* 11	Z AI	≥ 5/16	N AI	٨١
NO CEILING	30.7	51.3	55.3	58.7	65.3	73.3	74.7	74.7	74.7	68.0	75.3	75.3	75.3	75.3	75.3	75.3
N 18000		56.		9	72.7	14.0	3	6	-	3			10.0		76.0	
		56.		0	72.1	•	•	-		•	•			•	•	10.0
2 14000	•	26.	62.0	01	72.7	4	75.3		15.3	75.3	10.0		000	16.0	000	010
4000	•	29.	1.40	1.00	75.3	•	8			8	0	0	•	0		1001
VI VI 000 000 000 000		.00	56.7	00	77.3	78.7	80.0	800	80.0	80.0	80.7	80.1	80.7	80.7	80.7	80.7
		62.	68.0	72.0			:	-	-	-		82.0				82.0
1 71		63.	69.3	73.3	•		82.7		82.7	82.7	83.3	83.3	83,3	3	83.3	83.3
		. 90	10.1	74.7	-	2.	*		:	84.0			84.7		84.7	84.7
900		66.	72.7	76.7	84.0	85.3	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	
	38.0	67.	73.3	77.3		0.98	87.3	87.3		87.3		88.0	88.0		88.0	88.0
0007 A	•	68.				:	8				6	6		6	6	89.3
		72.	19.3	3.	40.7	92.0			93.3	63.3		0.46	0.46	0.76	0.46	0.46
3000		7		86.0							;	9		•	;	1096
		75.	82.0	86.7	4	68.3	1.96	1.96	1096	1.96	67.3	616	97,3	61.3	61.3	
> 2000	2	75.		86.7	•	3	96.7	1.96	•					97.3	97.3	97.3
V 1800	42.7	75.	82.0	86.7		95.3	1.96	196.1	1.96	1.96	:		97.3			97.3
		.0		87.3	:	0		97.3	97.3		0.00			98.0		98.0
1200	0.00		0.40	1.7	96.0	67.9	78.7	7.00	7.00	786	99.3	000	000	200	000	60.00
	0.44		•	000		:		•		0			:	•	•	9
\$ 8 AI AI	*		84.0	88.7	96.0	97.9	90.00	99.9		99.3	000	000	000	000	000	00.00
	44.0		84.0						66.3	6	0		0		0	0.00
8	44.0	and the state of the	84.0	88.7	96.0	97.3	66.3	99.3	99.3	99.3	0000		0	100.0	0.001	0000
	0.44	Total Control	84.0	88.7		97.3		66.3	66.3		0	0	0	0	0.001	0.001
9	44.0		84.0	88.7	•	97.3	99.3		99.3		•		0	0		0.001
300	0.44	76.7	•			- 1	6.66	66.6	99.3	TO	0.001		0.001	•	0	0.00
14			24.0	1000	•	21.00	99.3		27.5		0000	0000	0.001	0	•	0000
80	9	76.7	9 0	88	96	0.70	66.06	99.3	66.00	99.3	000	00.00	000	00000	000	000
	-		3						-					•		

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS













































MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

NON

				PERCEI	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	FREQUE	UENC LY OB	NCY OF OCCUR	CCUR	RENCE					16	
CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILE	(S)						
(FEET)	2	۰ ۸۱	S Al	A)	es Al	1 2%	7	۲۷ ۱۷	¥1 Y	-	% Al	* 1	% Al	≥ 5/16	N NI	٨١
O CEILING	39.3	56.7	63.3	104.7	7.99	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
18000	43.3	62.7	69.3	71.3	76.0		76.7	76.7	76.7	76.7	10.0	16.7	9	16.7	16.0	77.3
16000	43.3	62.7	69.3	71.3		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3
12000	***	0.40	70.7	7 20 20	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
0000	44.7	64.7	7.57	74.0	78.7	80.3	19.3	19.3	20.3	79.3	79.3	80.1	80.3	80.3	19.3	80.0
0008	9.0	66.7	73.3		0			1 60		81.3			200	81.3	81.3	
8 8	46.7	68.7	15.3	- 60	82.7		84.0			84.0	84.0		84.0	84.0	84.0	84.7
2000	50.3	71.3	78.0	80.7	85.3	88.7	86.7	86.7	86.7		86.7	86.7	86.7		86.7	
4000	50.7	72.7	79.3	82.0	86.7	88.0	88.7				88.7		86.7	88.7	88.7	89.3
3500	53.3	78.0	83.3	88.0	90.7	94.0	92.7	92.7	92.7	92.7	92.7	92.7	1.76	92.7	92.7	93.3
2500	54.7	80.0		90.7	95.3	0	6.26	6.3		6.7	67.9		61.3	97.3	97.3	98.0
1800	54.7	80.7	88.7	91.3	96.0	97.3	98.0	00	0.86	98.0	98.0	0.86	20	98.0	98.0	98.7
1500	54.7	80.7	88.7	91.3	0.96	87.3		0		8.0	0.86				98.0	7.86
1200	54.7	80.7	89.3	92.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.7
88	54.7	80.7	89.3	92.0	7.96	98.0	7.86	98.7		. "	7.86	98.7	7.86	98.7	98.7	99.3
88	54.7	80.7	89.3	1 6 6	-	98.7	80.3	66.3	60.00	99.3	60.00	600	99.3	66.3	99.3	000
88	54.7	80.7	89.3	NIN	96.7	98.7	99.3		99.3		66.66	m m	66.3	99.3	99.3	000
88	54.7	80.7		NO	96.7	98.7	00	99.3			99.3		66.3	99.3	99.3	000
80	34.7	80.7		92.0	96.7	98.7	66.3	99.3	66.00	6000	600.3	66.3	66.00	66.00	99.3	000
-	•			2			6.4.	2	6	2.1.2	***			200	6	2

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 NON

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Page	N	00000	13 2%	AI		¥1 ¥1			*	Z AI	≥ 5/16	N NI	
1	848888888888888888888888888888888888888	00000			2		_	*					٨١
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0000	2.0 72.	-	72.7	72.7	72.7	72.7	72.7			72.7	72.1
18000 42.0 59.0 10000 44.0 61.0 59.0 50.0 64.0 61.0 59.0 50.0 50.0 50.0 50.0 50.0 50.0 50	65. 65. 65. 77. 77. 77. 77. 77. 77. 77. 77. 77. 7	100	5.3 76.	0 76.0	16.0	16.0	76.0	76.0	16.0	76.0	16.0	16.0	76.0
1600 42.0 59.0 12000 44.0 61.0 10000 44.0 61.0 61.0 61.0 61.0 61.0 61.0 61.0 61	00 00 00 00 00 00 00 00 00 00 00 00 00	0.0	5.3 76.	1	16.0		76.0	76.0	76.0				76.0
12000 42.7 60. 10000 44.0 61. 10000 44.0 61. 10000 44.0 61. 10000 44.0 61. 10000 44.0 61. 1000 44.0 61. 1000 44.0 61. 1000 44.0 61. 1000 50.0 70. 1000 52.0 77. 1200 52.0 77. 1200 52.0 78. 1200 52.0 78.	50 50 50 50 50 50 50 50 50 50 50 50 50 5	. 7 .	5.3 76.	0 76.0	1, 76.0	76.0	76.0	76.0	-	76.0	16.0	16.0	76.0
12000 44 0 61 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 4 4 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4	The second secon	-	7 76.7	76.7	76.7	76.7	16.7	16.7	76.7	76.7	76.7	76.1
10000 44 0 61	8 7 7 6 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	72.0 7	7.3 78.	0 78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2500 52.0 77.1200	8 7 7 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9	. 7.	8.0 78.	7 78.7	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7
2500 52.0 77.3 54.0 52.0 77.3 55.0 7	8746	.17	8.0 78.	7 78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2500 50 00 70 70 70 70 70 70 70 70 70 70 70 70	04469	74.7 8(7 80.7	80.7	80.7	80.7			80.7	80.7	80.7	80.7
2500 50.0 70.0 70.0 70.0 70.0 70.0 70.0 7	4 4 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 0.	.3 8	0 82.0	85.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2500 50.0 70.0 70.0 70.0 70.0 70.0 70.0 7	8 7 7 8	79.3 80		3 85.3	85.3	85.3	85.3	85.3	89.3		85.3	85.3	85.3
2300 50.0 70.0 70.0 70.0 70.0 70.0 70.0 70	8 4 4 8	82.0 8	7.3 88.	0 88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.
3500 50.0 70.0 70.0 70.0 70.0 70.0 70.0 7	8 4 8	84.0 8	.3	0	90.	0	0.06	0.06	0	90.0	0.06	0.06	900
3500 50.0 72. 2500 50.0 74. 2500 52.0 74. 1500 52.0 77. 1500 52.0 77. 1500 52.0 78. 1500 52.0 78. 1500 52.0 78. 1500 52.0 78. 1500 52.0 78.	00	.0 8	9.3 90.	-06	0	90.0	0		0.06	0	0	0.06	90.0
2300 50.0 74. 2300 52.0 75. 1300 52.0 77. 1300 52.0 77. 200 52.0 78. 200 52.0 78. 200 52.0 78.	ō	.3 9	6 1.		1 91.3	91.3		6116	91.3	91.3	91.3	6116	91.
2500 52.0 75.0 75.0 75.0 75.0 77.1200 52.0 77.1200 52.0 77.1200 52.0 78.0 52		7.3 9	2.7 93.	3 93.3		•	93.3	93.3	93.3	93.3	93.3	63.3	93.
1800 52.0 77. 1800 52.0 77. 1200 52.0 77. 1200 52.0 78. 1200 52.0 78. 1200 52.0 78. 1200 52.0 78.	-	6 1.0	96 0.9	1 96.7	1.96		1.96	1.96	9	9	1.96	1.96	96
1800 52.0 77. 1200 52.0 77. 1200 52.0 78. 800 52.0 78. 700 52.0 78. 800 52.0 78.	-	.3 0	.1	3 97.3		97.3		97.3	97.3	1.	97.3	97.3	97.
1200 52.0 77. 1200 52.0 78. 900 52.0 78. 700 52.0 78. 900 52.0 78.	-	1.3 9	6 1.	3 97.3	6.16	1.	97.3	97.3	97.3	97.3		6.16	97.
1200 52.0 78.0 52.0 78.00 52.0 78	m	91.3 9	6.7 97.	3 97.3	97.3	97.3	-	97.3	97.3	7	97.3	97.3	97.
900 52.0 78. 900 52.0 78. 900 52.0 78. 900 52.0 78.	-	91.3 9	1.	3 97.3		97.3	97.3	97.3	97.3	97.3			97.
900 52.0 78. 900 52.0 78. 900 52.0 78.	~	92.7	8.0 98.	7 98.7	1 98.7	48.1	98.7	48.7	98.7	98.7	98.7	7.86	98.
200 52.0 78. 200 52.0 78. 200 52.1 79.	-	2.7 9	000	7 98.7	1 98.7		1					1.86	
500 52.0 78. 500 52.0 78.	~	92.7 91	8.0 98.	7 98.7	1 98.7	1.86	98.7	7.86	98.7		98.7	1.86	98.
500 52.0 78.	-	92.7	8.0 98.	7 98.7	66	66.3	66.3	66.3		66.66	66.3	6.66	
500 52.7 79.	-	.19	8.0 98.	7 98.7		99.3	80.3	66.66	66.3		86.3	66.3	66
E	0	63.3 9	-	€ 66 €	100.001	100.001	0000		00.00	0.001	0	0	00
*** 36. () ·)	•	.3	8.7 99.	9	100.00	100.001	00.00		0	0	100.001		80
300 52.7 79.	•	63.3 9	8.7 99.	3 99.3	100.001	100.001	0.00			0		•	
7 79.	0	93.3 9	8.7 99.	3 99.3	100.00	00.00	0.00	100.00	00.00	0000	0	0	
100 52.7 79.	-	63.3 9		3 99.3	10000	100.00	0.00	0.001	0.00	0.001			
52.7	0	93.3 9	8.7 99.	3 99.3	100.00	100.00	0.00	100.00	0.001	0.001	100.001	00.00	00

0

0

TOTAL NUMBER OF OBSERVATIONS

150

0

0

DIRNAVOCEANMET SMOS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MOFFETT FIELD, CALIFORNIA

0

0

0

0

73-77

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

NON

=

22 HOURS (1.5.7.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(8)						
(FEET)	2 1	٥	8 41	AI AI	K 41	12 2%	12	¥1 VI	VI 24	-	% Al	*	Z AI	≥ 5/16	N NI	AI
NO CEILIN	. 42.	.00	1.40					14.0							0.47	74.0
≥ 20000	45.	61.	66.7	71.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	16.0	76.0	76.0	76.0	76.0
	43.	62.	-	72.0	76.0	16.1			16.7	76.7				16.7		76.7
N 16000	43.	62.	-	2			76.7				76.7		76.7		76.7	76.7
1 6	**	63.								8	78.0				78.0	78.0
> 12000	*		69.3	*	78.0	78.7	78.7	78.7	78.7	78.7		78.7	78.7	8		78.7
200	45.	65.		5	6	0				0	0		0	80.0	0	80.0
8	45.	.99	71.3	76.0			0		0			80.7	80.7		80.7	80.7
		67.				2				2.				2.		82.0
141		68.	73.3	78.0	2	2	2	82.7			82.7	82.7	82.7	82.7	82.7	82.7
		70.	3	0	*	*							84.7	84.7	84.7	84.7
1 1		72.		83.3									88.0	8	88.0	88.0
		74.	0	Trans.	6				0	0			0	0	0	0.06
141			80.7	85.3	89.3	0			90.0	0	0.06	0.06	90.0	0.06	90.0	90.0
		14.		85.3	6		0			0			0	0	0	90.0
141				87.3	91.3	2				2	95.0		92.0	2.	92.0	92.0
		17.		88.7	92.7								-	3	3	93.3
141		78.		1006	94.7							95.3		5		95.3
		19.					.0			•			0	9		96.0
1500	50.7		87.3	95.0	96.0	96.7	96.7	96.7	7.96	1.96		196.7			1096	96.7
		80.	:	92.0	•		.0		40.7	. 9				9	1.96	96.7
141		80.	8	92.7	96.7	97.3			97.3		97.3	97.3	97.3	97.3	97.3	97.3
		80.			96.7		-								:	97.3
8		80.		92.7	97.3		. 8		98.0				98.0			98.0
		80.	8		97.3		8								0.86	98.0
8		80.		92.7	-				93.0				0.86	0.86	0.86	98.0
		81.	8	93.3	-					00	1.86			8		98.7
141		81.			98.0	98.7		98.7	98.7		7.86	7.86	98.7	7.86	7.86	98.7
		81.	6	0.46	1.86	39.3			66.3	66.3	66.3			6	66.3	66.3
1 20	51.3	81.3	89.3	0.46	98.7	86.3		66.3	99.31		0.0	00.00	00.00	100.00		000
	21.	81.	6	0.46	1.86	99.3	8.66	66.3	66.3	0000	0		0	ċ	0.00	0000
O IAI	51.	81.		94.0	98.7	66.3	66.3	6.66	86.3	00.00	00.00	00.00	00.00	100001	00.00	0000
31.00																

TOTAL NUMBER OF OBSERVATIONS

150

THE REAL

SOWS

0

0

DIRNAVOCEANMET

E 80

NON NO

HOURS (LST)

ALL MONTH

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

87.7 87.8 92.8 92.9 80.8 81.0 0 Al 86.2 80.8 86.1 8.06 0.96 96.6 6.96 79.3 85.0 87.6 6.46 95.4 74.8 78.0 82.9 94.8 96.1 76.7 92.7 94.1 87.6 82.9 85.0 0.96 76.1 80.1 80.8 80.8 87.6 79.3 85.0 49.66 9096 6.96 0.86 82.9 86.1 0.96 72.3 74.8 8.06 94.1 6.46 8.46 76.7 96.1 80.8 87.6 0.96 96.6 96.8 96.9 86.1 94.1 94.8 78.0 79.3 1.96 0.96 90.8 92.6 92.7 97.0 77.9 95.9 87.5 8.06 0.46 86.0 72.1 84.8 6.96 94.6 94.8 80.5 80.7 Al VISIBILITY (STATUTE MILES) 82.7 87.3 17.8 85.8 77.7 87.3 87.0 78.8 80.3 82.3 93.8 85.5 90.3 84.1 89.8 82.8 77.3 92.5 80.8 83.8 88.5 85.3 76.4 80.4 61.9 65.5 83.6 78.0 84.8 85.3 72.5 88.8 83.8 88.0 000.1 72.1 85.8 44.9 68.6 76.3 73.7 75.0 63.6 76.5 76.9 66.8 70.8 48.3 NO CEILING 80 VIV 1800 000 000 1 (FEET) 12000 900 2000 1500 88 200 9000 4500 3000 88 88 88 88 AI AI AI AI AI AI AIAI AIAI AIAI AIAI AIAI ALA AIAI MIM AIAI

TOTAL NUMBER OF OBSERVATIONS

1200

SOWS

23244

0

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0

69

MAIA

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DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

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73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DEC

01 HOURS (1.5.T.)

CEILING							VISI	VISIBILITY (STA	(STATUTE MILES)	ES)						
(FEET)	5 71	٥ ٨١	\$ 1	4	e Al	1 2%	2 4	VI 27	¥1 Y	Ā	% Al	* 11	Z.	≥ 5/16	NI NI	AI
NO CEILING			:	52.9	56.1	58.7	0			•		2.69		63.2	3.	63.
× 20000				•	8	-	3		•	9			0	9	•	67.
≥ 18000			48.4	55.5	58.7	61.3	63.9	60.5	•	66.5		5 99	60.5	66.5	66.5	67.
				•	8	1.	3.	•				•		•	:	
				55.5	8		3		. 9	. 9				66.5	.0	67.
≥ 12000					0	N	5			-	•	-		-	-	
				0			6						:		-	72.
0006			52.9	60.7	64.5	-	•	72.3	72.3			72.3	2	72.3	72.3	72.5
1			:		2	•	-					*	;		*	14.
7000					-		2.			3		2	5			
0009 4			•							.0			0			
2000				5	6		3	3					00	8		
			:		2		8			0			0	0		
141					2.	*				0		0	0	0		81.
1			2.	.0			0			2			7	2		
3000			;		;	00	-			+		3		*		
1			:		9	6	5.			5		3	3	5		
7 2000			;	74.8		-						87.1	-		87.1	87.
1			:		0		3					8		*		
1500			-		0	3						6				89.
					-		-					6		6		
8			68.4	76.8	-	50				0		0	0	ċ		91.
			4.89		-		-			0		.0	0	0		
8			68.4	76.8	:		:			-		:	-	-		91.
				76.8	-		-			-		-	-	-		
9			0.69	77.4	:	3			3				5			
				11.4	-				2.	2		2	2	2		
1 40			69.7	78.1	3	.0	0	2.46		;		;		*		95.
300			69.7	78.1	63.2	86.5	6.06	2.46	8.46		94.8	8.46			94.8	95.
			1.69	78.1	3	96.5			:	•						97.
80	27.7	62.6	69.7	1.8	200	200	8006	94.5	9.0	0.00	1.06	100	000	96.8	97.4	66
1	•	•		4	•		0	70.4	000		•	*	;	•		

TOTAL NUMBER OF OBSERVATIONS

155

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1

MUFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

DEC.

CEILING							VIS	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2 11	AI AI	8 41	1	e Al	> 21/4	2 2	VI 74	¥1 Y	- Al	% Al	* 1	Z AI	≥ 5/16	M AI	AI
NO CEILING		37.	43.9	31.6	53.6	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58
			4.7.7	55.5	57.4		6.10	63.2	00	63.2	63.2	63.2	63.2		63.2	
	•		4.00	20.1	28.1	0	•.		63.6	m .	•	63.0	63.9	3.	•	
Y 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		45	40.4	57.4	0.09	62.6	04.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	6 0
10000		2	52.3	58.7	61.3	63.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	48
		47.		-		67.1		0	70.3	0	70.3	0	70.3	0	70.3	
> 7000		49.		63.9	66.3	0.69	71.0	72.3	72.3	72.3	72,3		72.3	72.3	72.3	72
0009		1	56.8	64.5	1079	7.69	71.6	•	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72
. 16		23.		4.89	5 -	4	78.8		16.8			16.8			76.8	16
100		53	60.7	4.89	71.0	73.6	75.5	76.8	76.8		76.8	76.8	76.8	76.8	76.8	10
> 3500		56.	63.2	71.0		•	78.1	19.4	19.4	6		19.4	40.6		19.4	
		26.	63.2	11.0	73.0	ė.	78.1	•	6	6		4000	•	•	6	
7 200			65.00	73.6	76.1	100	80.7	81.9	81.0	•	81.90	81.9	81.9	81.9	8100	2 00
1800		59.	1.19	75.5	78.1	0.	82.6			83.9	83.9	63.0		63.9	83.0	00 a
		000				. ~	9 50	86.5				86.5	86.5	86.5		
141			69.7	78.1	80.7		65.8	87.7	87.7		88.4	88.4	88.4	88.4	88.4	88
88	26.5	61.	69.7	78.7	80.7	83.0	80 80 80 80 80 80	87.7	87.7	4.0	40.00	4.68	88.4	4.88	4.88	8 8
98		61.	7.69	40.00			-	89.7			90.3	90.3	90.3	0.	90.3	06
		01.	71.0		83.2		89.7	65.3			92.9	6.26	6.26		92.9	26
	27.1	: :	0	80.7			90.3	92.9	92.9	94.5	2.96	2.46	94.8		34.8	. 5
141		:	71.0		83.9	86.5	90.3	92.9	6.26	. 4	94.8	94.8	95.5	95.5	95.5	96
80	27.1	61.9	71.0	80.7	83.9	86.5	90.3	93.6	93.6	95.5	95.5	95.5	96.1	96.1	96.11	96
	ı	I														ı

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT PIELD, CALIFORNIA

NO CEILING > 20000 VI VI 00091 0000

(FEET)

900

900

0

9000

Y 1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000

HOURS (LS.T.) 07

81.3 53.6 55.5 ٨١ 73.6 61.9 87.7 66.5 73.6 84.5 55.5 64.5 66.5 19.4 85.2 85.2 85.8 64.5 70.3 76.8 60.7 87.7 89. 2 5/16 73.6 4.61 61.0 64.5 61.9 84.5 85.2 64.5 66.5 10.3 87.7 78.7 ٨١ 63.9 0.09 54.8 61.3 63.9 91.0 52.9 52.9 65.8 78.1 83.9 84.5 85.2 85.2 85.2 87.1 61.3 84.5 ٨١ 63.6 0.09 81.3 0.16 65.8 54.8 84.5 87.1 93.0 52.9 61.3 78.1 83.9 84.5 61.3 78.7 % Al 63.0 52.9 54.8 0.09 61.3 72.9 75.5 76.1 81.3 91.0 83.9 63.9 65.2 65.2 65.8 61.3 78.7 84.5 84.5 87.1 <u>-</u> VISIBILITY (STATUTE MILES) 63.2 83.2 29.4 78.1 71.6 72.3 72.3 78.1 83.9 62.6 63.2 63.2 60.7 80.7 7 7 61.3 61.9 76.8 77.4 77.4 78.1 77.4 78.1 60.0 60.7 80.0 80.7 83.2 83.9 82.6 57.4 64.5 52.3 54.2 58.7 75.5 66.5 74.8 78.1 60.7 1.69 80.7 38.7 00 56.1 53.0 63.9 58.1 72.9 80.0 50.3 54.8 56.8 67.1 70.3 72.3 72.9 78.1 78.1 80.7 51.6 58.1 78.1 78.7 56.1 57.4 41.9 63.9 53.6 71.6 48.4 50.3 51.6 71.0 72.9 47.1 65.8 56.8 63.2 65.8 70.3 49.7 0.17 4 0.64 61.3 66.5 58.1 63.2 0.65 6.55 51.0 63.2 6000 67.1 40.0 47.1 59.4 66.5 45.8 67.7 41.9 60.3 45.6 52.3 45.8 0.09 \$9.4 43.2 29.4 36.1 41.9 56.8 56.8 55.5 60.7 38.1 44.5 36.1 40.7 60.7 ۰ ۱۸ 22.6 23.5 50.92 27.1 27.1 27.1 27.1 21.9 51.9 27.1 27.1 27.1 27.1 20.7 27.1 27.1

3000

450 400 400

AI AI

0

2000

AI AI

1800

AI AI

88

88

AI AI

155

0

88

AI AI

88

ALAI

80

AI AI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10 HOURS (LST.) DEC

0 20

CEILING							VISIA	VISIBILITY (STATUTE	ATUTE MILES)	ES)						
(FEET)	2	۸I	N AI	41	N AI	> 21/2	1 N	¥1 ¥	¥1 Y	- -	% Al	*	X AI	≥ 5/16	NI NI	0 1
NO CEILING	12.	22.	27.7	33.6	39.4	1	5			7.	47.1					48.4
> 20000	12.	25.	:		3		0	2.	3	2.	3	5		•	3	53.6
× 18000	12.	26.			44.5	•	-1	5.	5.	3.	3	3.		•	3.	24.5
2 1600		26.	2	38.7	*		51.0		2		53.6	53.6			53.6	54.5
		27.		6	20	00	2		4.	5	2	2		2	3	56.1
× 12000		28.	:	40.7	47.1	49.7		2	•	•		•				57.4
		31.		4	-		-	6	0	0		0		0		61.3
000 1 A 1		31.	38.1	44.5	51.0	53.6	57.4	\$ 65	0.09			2.09		60.7	60.7	61.3
		34.			33	9	0	-	3	***		3				
141		35.	:			57.4	:	63.2								65.8
		38.		-	8	0	. 4			8						
800		+0+	46.5	53.6		~	66.5	4.89		0		70.3				71.0
		*0	:		0		-									
1 41	21.3		47.7	54.8	61.3	63.9	67.7	69.7	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.9
1		43.	-		3			2.								75.5
300		44.	-	58.1			-	2								
1		46.		-			. 4			8		78.7				79.4
7 2000		47.		6119	00		;							6		
1		47.	:	2	6		.0			0				0		81.3
141		2	55.5	63.9	70.3		-	19.4		-		81.9		61.0		82.6
		47	:	5	3.			-				84.5		*		85.2
100		4	9	65.8	3	76.8		•						5		
		48.	50.	65.8		.0	.0	82.6	-			85.2				85.8
8		4	56.		3		19	3		8					•	
		48.	•	67.1	3	78.7		86.5	8			89.7	89.7	89.7	6	90.3
8		4	56.8	67.1	3	78.7		9		.6				89.7		
		48.	56.	67.1		78.7	3	87.1	6			90.3			-	91.6
141		4		67.1	75.5	78.7	83.2	87.7	89.7	92.3		92.3		6	93.6	94.2
		48.	56.	67.1		78.7		87.7	6			N	2.06	•		8.46
8		48.	56.8	67.1	75.5	78.7		87.7		92.3		3.		95.5	2.	
		3	56.8	67.1	75.5	18.	83.2	87.7	89.7	92.3	93.6	93.6	96.1	1096	-	0000
IAI		48.	•	67.1		78.7	83.2	87.7		92.3		•	0	-	0.1	0

TOTAL NUMBER OF OBSERVATIONS

155

0

050

TALES CALIFORNIA

THE STREET SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 HOURS (1.5.T.) DEC

		40		410	2 2	200	- 4	500	500	9	5.0	25			4 4	40	00
	Al	59	67	200	72	22	100	83	85	91	95	96	96	96	99	001	000
	2	40		40	.2	200	-4			900	. 2			. 4	4 4	40	00
	ΛI	53	60	70	72	44	20	8 3	8 5	16	46	99	98	96	66	600	000
	5/16	400	::	4.0	6.	28	-4.	5.5	5.8	2.3		5.5	5.5	8 . 6	* *		000
	ΛI	50	60	108	72	74	262	83	85	00	95	94	98	96	66	100	ŏŏ
	2	4.0	::	4.0		4.8	79.4	3.5	5.0	2.3	4.2	5.2		7.4	4.6	4.0	0.0
	۸ı	00	00	92			77	œ œ	00 00	00	00				00	100	010
	*	6.5	::	9.0	2.9	4.2	9.4	3.2	5.8	2.3	2.9	3.5	5.3	7.4	9.4	9.4	0.0
	Al	0.0	00	92		77		00 00	20 00	00	00	20	00	20	00	10	200
	% Al	4.0		4.0	4.2	4.8	79.4	3.2	5.0	1.0	24			7.	4.0	99.4	000
	~	20	9 9	40	2 4	7 7	7	50 W	ec ec	00		20		8 4	00	110	720
	-	0.0		80	2.4	4 4	00		* "	- 2	2.	5.0		2.	eo eo	0 ED	œ œ
IILES)		40	99	40	2 2	7 8	14	w 20	ac ac	00	29	20	80	00 4 00 00	00	00	2.2
VISIBILITY (STATUTE MILES)	Y 1%	0.0		00		4 4	00		* "	- ~	2 4	* m	00	2.	98.	8 8	æ æ
STAT		4 10	9 0	40	2 5	20	4	20 00	N 20	0 6	20	200	20	20 CD	00	~~	
LIT	71	59.		0.0	4.	* *	00	83.	85.	91.	94.	94.		96.	98.	96	8 8
VISIBI		400	so so	70	00	0.0	00		SE	-0	00	00	9 04	00 00	an an	in in	en en
	AI	50	66.	69	72.	72.	78.		200	91.		98	60	46	98	95	92
	*	nm	00	010	-1.5	+0	0.0	0.4	-0	NI	-14	40	00				
	2 21/2	55	61.	62	58	600	130	25.	808	85	- 00	800		69	89	69	68
	8	-0	mm	0.00	41	- 4	-0	200	om	. ·	æ	71.		4 4	4 4	3.3	3 3
	Al	51	52		58	20 00	00		70	4.0		78	78	200	200	20	200
	-	. ·	ao ao	N 4	00	mo.	N 4	31	0 N	-4	9.						
	Al	45	2 4	40	52	52	54	500	63	68	69	69	69	69	69	69	69
	*	24	00		500	· •	19	m 0	30	- 6	0.0	00	00	00	00	00	0.0
	Al	1000		A STATE OF	4 4			A District	A COLUMN TO SERVICE AND ADDRESS OF THE PARTY		19	00	Link Culting	00	00	0.0	
		*0	9.	. ·	5.1	80	6	25	5.5	00							
	AI		1								52.						
	2			-1.	000	000	. 2		5.2	::	27.1	7:1	::	::	::		::
	AI	Fi			22	22	24	24	~~	NN	NN	NN	NN	20	NN	Ni	22
2	-	9 8	88	88	9000	9000	9000	1500	3500	2500	1800	1200	908	88	904	388	80
- Chica	-	180 CEN	89	92	-		88	1	NIVI	1			AIAI		AIAI		
		¥															

TOTAL NUMBER OF OBSERVATIONS

155

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

MOFFETT FIELD, CALIFORNIA

16 HOURS (LS.T.) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		5	9.	9	9.	9	00	-	-	0	~	0	00	3	=	4	9	6	7	. 8		4	-	-	4	*	*	4	*	0	0	0	0
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	2	. 5		9	0	0	00	7	-	0	~	0	80	S	7	4	9	0	-	8	00	*	-	-	*	4	*	4	*	0	0	0	0
	Al	90	-	11	7	3	2	18	18	80	80	81	82	86	87	88	6	36	96	96	96		86	86	66	66	66	66	66	00	00	8	8
1	2	5	9	9	9	9	80	-	-	0	1	0	8	.5	7	4.	0	6	-	00	00	4		~	4	4.	4	4	4	0	0	0	0
	2 5/16	99	17	11	7	13	74		78	90	80	81	85	98	87	88	5	36	96	96	96	16	86	86	66	66	66	66	66	00		00	8
	z.	5		9	9			-	-			0.			7.		•	0	7	8	00	*	-		4	4	4	*	4	0	0	5	9
	Al		7	11	7			18	18	0	0	-	5	0	-	8	-	26	96	96	96	6	98	86	66	66	66	66	66	00	8	8	8
	•	5	9	9	9	0	8	-	1		1.	6.	00	3	-	4	•	6.	-	8		*	.1	-	4.	4 .	4	3.	4	10.	0	0	0
	AI AI	70		11	7	13	4	18	18	0	0	18	83	86	87	88	5	36	96	0		-	0	86	0	0	66	66	66	00	8	00	8
	*	5		9.	0	0	00	-		0	-	6.	8		7	3.	9.	0	-:	8		*		-	*	4.		4	*	14.	4.	3	4
	Al	99	-	11	7	13	7	78	78	80	80	81	83	86	87	88	6	26	96	96	90		96	86	66			66	66	66	66	66	66
	_	.5	9.	9.	•	9.		-:	1	0		0.		S	7.	*		6.	-		8	*			4	4.	4	4.	*	*	*	4.	*
(S)	AI	99	71	71	71	13	7		78				8 5						96						66					66		66	
VISIBILITY (STATUTE MILES)	7.		•	9.	9.	9.	80	-		0	1.	6.		· S							-	00											
ATUTA	VI.	0	2	11	7	73	74	78	78	90		81		36	87	88	5	92	95	96	96	96			86		98	98	98	86		96	98
Y (ST,	7.	6.	0	0.									*				0.											-	-:	7.		-	-
BIET	Al	63				72	1	-	18								6		94							86				86	98	96	98
VIS	2		0.		0		9.		4.				0															. 3			. 8		
	Al	69	7	7.	7	72	2	76	7	78	79	80	80	84	8	86	8	89	92	92	92	6	6	24	94		94	56	94		9	76	
	21/2			1.					9.		. 5		4.	0.	1.					1.		4.		0.	1.7					1.	. 7	1.	•
	Al	09			6			-	73	74							83		10				3		68	50	89	8		52	8	98	8
	e				6.																		3.2		3.5		3.2		3.2			3.5	2.5
	۸I	36	6	0			9		67	59	69	7	1	74	76	-	-	-	8	00	8	62			80	20		0		60	8	8	83
	•	0.3			4.8				0.0		1.9		3.8	5.5					5.0				4.8	8 . 4	4.8	4.8	4.8	8	4.8	8 . 4	4 . 8	4.8	
	٨١	8	s.	1	50	2	S	-	0	9	0	0	0	0	•	9	-	-	-	-	-	1	1	-	-	-	-	-	-	•	-	-	-
	9																		4.5														
	۸I	marie .		1.				100		100		The same		E		1			64				Section 1			and the		-					
	•	1.9	5.8	5.8	8.8	6.5	7:1	0.6	7.6	0.3	1.0	2.3	4.2	4.8	5.5	6.1	7.4	8.7	60.09	0.0	0.0	0.0		0.1	1.0	0.1		0.1		0.0	0.1	0.1	
	٨١													1		1						1	-			-	-	Car.					-
	2	3.9	6.9	6.5	6.9	6.5	7.1	7.7		9.8	9.0	9.0	1.0	1.6	2 . 3	2.5	4.2	4.2	34.8	4.8	4.8	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.
	۸I	2	N	~	N	2	~	2	~	2	~	2	•	6	3	m	3	~	100	0	m	n	3	m	m	m	m	3	m	n	100	2	3
o z	6	ING	20000	000	16000	8	12000	8	900	90	2000	8	2000	99	900	9	3000	8	2000	90	1500	900	1000	8	8	8	9	90	8	8	200	901	0
CEILING	E		1 20		7		141	188	141		141		141		141		141		141	-	I AI		IAI		A		IAI		IA:		AI	AI	AI
1000	Shirts.	Ž			13																												

TOTAL NUMBER OF OBSERVATIONS

MOFFETT FIELD, CALIFORNIA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (1.5.7.) DEC

CELLING (FEET) (FEET	W W W W W W W W W W W W W W W W W W W	Navara 0000000000000000000000000000000000		23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VI 00000LLLLL xxxxxxxxxxxxxxxxxxxxxxxxxxx	V	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		N	100-11-10-10-10-10-10-10-10-10-10-10-10-
	 	יייייייייייייייייייייייייייייייייייייי	80.7		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		4.66	4.66		4.66		4.66	4.06	99.4	49.4

0

0

0

TOTAL NUMBER OF OBSERVATIONS

155

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

The state of the s

MUFFETT FIELD, CALIFORNIA

23244

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DEC

22 HOURS (1 S.T.)

CEILING							VISII	BILITY (STA	VISIBILITY (STATUTE MILES	S						
(FEET)	21	9 11	\$ 41	4 1	8 1	≥ 2%	7 1	W 1%	¥1 ¥1	_ 	% Al	*	N %	≥ 5/16	NI NI	٨١
		44.5	51.0	56.1		65.2	-	7.89		4.89	68.4	4.89	4.80	4.89	4.89	4.89
≥ 20000	-		:		2	-	.0	-:	-	-	-	-	-	-	•	-
100	-		-	58.1	5.	67.7	.0	71.0	-		-	11.0			•	
N 16000		44.5	:	58.1	5	-	70.3				-					71.0
			-			200	-							2.		72.3
× 12000		47.1			8	70.3	2	74.2								
1000			*		0	S	3							.0		
8	25.8		55.8	63.2	71.0	72.9		77.4	77.4	7.	77.4	77.4		77.4	77.4	77.4
			9	-	-	13.6	.0	8		8	80			8		78.1
7000				63.9	-	73.6		78.1	•		8			8	•	78.1
		51.	-	80	2	14.8			6	6	6			6	6	79.4
200		52.	0	67.7	S	77.4		-	-	-	-			-	-	81.9
		53.	0	6	0	00	-	3	3	50				3	3	83.2
1 1		53.	0	69.0		80		3.		-				-		
1		55.	2	-	8	0	3	2	3	5	5			3	5	2
300		57.	*	72.9	80.7	82.6	10	87.1	87.1	-	87.1			2	87.1	87.1
		.09	-	78.5	3	3	8		6	0	0			0	0	90.3
7000		.00	-	76.1	*	5	6	0	0	-	-			-	-	=
10		.09	-		3.	85.8	6	0	0	-	-			-	-	91.0
141		61.		77.4	3	4	0	1:		2	2	92.3		2	92.3	2.
		61.	9	78.1	3	-	-	2.	2	2	2			2.	3	5
100		61.		78.1	85.8	87.7	-	2	2	-	ë					93.6
		62.	0	78.7		00	2.	3.		*	+			*		:
8		62.	70.3	78.7	86.5	8	2			;	;			4		94.2
		62.		78.7		00	2.	3		3				*	34.5	*
8		63.		79.4	87.1	89.0	2	;		4	94.8	8.46		;	;	94.8
		63.	-	79.4		0	2	*	*	4				4	8.46	
8		63.	71.0	4.64	87.1	0	2	;		*		8.46		4		94.8
	29.0	63.2	-	0	87.7	6	93.6	8.46	;		95.5	95.5	95.5	95.5	95.5	95.5
38		63.	:	80.0	87.7		3.	65.5	95.5	96.1			96.1	9	1006	96.8
8		63.	11.0	80.0	87.7		93.6	65.5		96.1	8.96	8.96	96.8	96.8	97.4	98.7
٥ ٨١	•	63.	71.0	•		89.7	100	95.5	95.5				90.6	.0	4016	00.00

(4)

0 0

155

TOTAL NUMBER OF OBSERVATIONS

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MOFFETT FIELD, CALIFORNIA

23244 STATION

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0

0

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) DEC

	0	0	. 8	-	.2		-	0			0.	. 3	6.			6.	6.	. 2		9.			-		-	9.	4.	.2	*		-	* 0
	Al	9	9.0	65	65	99	•	-	2	-	-				-	8	83			00	-	0	0	0	0	0	0	0	0	96	2	00
	*	9.6	4.4		4.8		7.7		1.3								3.5	5.8		8.2	•	•		1.9	2.1	•	4.0	•	0.9		0	2.8
	٨١	9	4	0		9 6	•		3		~		-			30	00	8	æ	80	80	0	5	6	0	0	6 0		6	6	,	200
	5/16	6		+	*	3	-	0	-												•	0	-	-	2.	3	;	;	•	9	:	
	AI		4		60	9 6		0	m	8	9	5	2	0	m	2	n	00	4	~	~			6		~	0	00	0	6 4		U 20
	N X	59.	64.	3	. 49		67.		71:				-		0		-		-	20			-	1 miles	2	3			9	96		97
	*		4				9.										4.			. 2		3 .	•		9.		6.			0		. 0
	Al	59	40	90			67	10	7	72	13	*	77	78	19	8	83	85		88		06		16		63		46	9	96	2	96
	*		4.4				1.6		1.2									2.1	7.3	8.2	9.1	•	1.6	•	5.0	3.1	3.9		5.7	•	*	000
	AI .	6 5		0	0	-	6 67		7	-	2	_	17	-	2	100		8	3	8	00	6	6 9	6		6		0	-	6	7	
	- AI	9.	;	. 4	;	5.	-	0	-	2.		3	-	8		-		5	7.	2		0	-	1:	3	50		;		5		0 0
MILES		2	3			-	2	-	-	9	10	_	•	29	0	-	~	4	0	7 8	-	0	-	6 4	_	•	m	0	80	80	0	
VISIBILITY (STATUTE MILES)	Y	59.	64.		94	65.	6.7	10.	=	72.	73.	14.	77.							87.		0	91.	16		92.		94.	94.	94.	5	9.0
r (STA	7.	*	~	*												0.				. 5	. 3								•	*	•	00
IBILIT	AI.	59	\$	49	40	69	67	10	20	72	73	14	77	18	78	80	82	85	86	87	88	88		16		65		93			5	**
VIS.	7		3.2				6.1										1.4		5.5	0.9	6.9						1.0		1.6	1.7	1.7	1.7
	٨١	30	2	9	9	c	2	0	•	1	-	-	-	-	-	-	1 8	00	80	100		0		8		0	3	6		0 0	0	0.0
	2 2%	.9	0	0	0	-															3.		5	5.	•	.0			37.	100		
	- "	_	9		9	1			7		*		•	-	~	3	~		20	0	2		4	2	0	0	*		0		-	
	AI S		56.		56		59		62.		94	66.	68.		70.	N	74.	76.	.17	78.	79.	80		81.	81.	82.	82.	195	83.	33	83	200
	-	20	0.																		•				9.		.2		*			0 00
	AI		2	27224	2	2	30	55	56	57	8	39	62	0	•	3	6		200	-	72	7.3	74	14	7	74	-	-	-	15	5	55
	95		4.8				7.1				1.8	3.1	5.4				9.0										7.1			6.7		- in
	AI .	A Comment		1		1		1										1		9	1	and and	1			9	9	_	1 6	9	0	1 67
	AI																									58.			29.	.65	.60	200
		0		00	0	100		1.5		9		1		0		20	4			9		9		-						80		
	VI 5					20	21	22			23	54														28		28				28
0		S	8	9	28	5	22	9	2	9	2	6	2 2	9	2 2	5	2 2	9	28	9	2	2	2	2	008	2	8	2	8	300	8	80
NING	(FEET)	CEIL	≥ 20000		14000	1	7 12000		8		141		141	1 %	141		300		141	13.	> 1500		N 1000		٨١		8		141	N AI		AIAI
L		2		L								Ľ				1											-	L				

TOTAL NUMBER OF OBSERVATIONS

1240

0

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200

ALL HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

MUFFETT FIELD, CALIFORNIA

VISIBILITY (STATUTE MILES)

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AI

(FEET)

NO CEILING

Y 20000

VI VI 0009 16000

12000

AI AI

9000

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2 5/16

74.2

72.3

72.2

75.8

76.9

75.8

75.4

75.3

77.3

76.8

77.3 78.1

77.2

16.01

16.6

75.4

73.6

74.1

71.3 72.6

38.0 68.0

2000

ALAI

38.3 68.7

74.4

74.0

10.0

80.2 78.2

81.7 81.

80.2

80.2

80.2

80.2

80.1

80.1 78.0

19.9 81.4

78.7

16.9

74.6

39.2 70.6

5000

ALAI

80.9 82.1

78.3 80.1

76.0 78.3

71.9

39.8 40.3

4500

MAI

81.1

78.7

74.5 41.9 76.5

41.0

3500

AI AI

80.9 83.0

81.7

81.6 83.0

81.6 81.6 82.9 83.0

81.5 81.6 82.9

84.2

83.7

85.2

83.3

78.6

42.7 43.2

2500

ALAI

80.1

84.5 84.5 84.6 89.1 91.0 86.8 6.06 83.0 86.8 89.1 81.7

96.8

93.5 93.6 93.6 93.6 93.6 93.6 95.2 95.2 95.2 95.3 95.3

91.0

86.8 86.8

84.5 84.5

6.06

6.06

6.06

89.1 86.8

86.5 86.7 86.7 86.8 88.8 89.0 89.0 89.1 90.6 90.8 90.8 90.9

93.5

93.4 93.5 93.5 93.5

95.2 95.2

95.1 95.1

93.5 4.96

95.6

91.8

61.3

90.1

0.06

85.4 88.0

43.4 80.7

800

ALAI

90.0

89.2

97.4 97.4 97.5

98.2

97.4

97.4

6.76

0.70

3.96

93.2

2.06

84.7

89.8

84.4

900

AIAI

82.2

6.46

96.9

0.96

93.8

85.1

88

AIAI

91.0

88

AI AI

88

ALAI

96.8

98.1

0.86 0.86

96.8

98.1

14005

TOTAL NUMBER OF OBSERVATIONS

86.66

0.66

DIRNAVOCEANMET

80

AIAI

88

MAI

SKY COVER

MOFFETT FIELD, CALIFORNIA

BOTA N			STATIO	STATION WANTE	RCENTAG (FROM	ENTAGE FREQUENCY OF OCCURR (FROM HOURLY OBSERVATIONS)	NCY OF OBSERV	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	NCE	Q				HTM
	Sei Co				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	•	-	2	е п	•	*	•	7	8	٥	01	SKY COVER	NO. OF
JAN	10	32.3	6.5	7:7	4.5	2.6	3.9	3.2	5.2	5.2	4.5	24.5	4.5	155
	*0	31.0	3.9	7.7	1.9	50 00	3.2	2.6	1.3	5.8	6.9	30.3	5.0	155
	0.7	16.8	7.7	3.9	5.8	5.5	3.2	5.5	5.2	10.3	4.8	28.4	8.0	155
	9	13.5	5.2	6.5	4.8	3.9	3.2	4.5	4.5	6.9	0.6	34.8	6.1	155
	13	19.4	6.5	5.2	3.9	2.6	7.1	9.	5.2	0.6	12.9	27.7	5.8	155
	91	15.5	5.8	10.3	5.8	4.0	3.9	5.5	3.2	6.5	11.0	20.4	5.7	155
	61	22.6	7.7	9.7	6.5	7.1	3.9	3.9	3.2	5.8	4.5	25.2	8.4	155
	77	29.7	6.5	7.1	3.9	4.5	5.2	5.8	5.6	3.9	1.9	25.8	4.6	159
														÷
2	TOTALS	22.6	6.2	7.3	5.1	4.5	4.2	3.9	4.2	9.0	7.3	28.1	5.3	1240

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SKY COVER

23244 MOFFETT FIELD CALIFORNIA

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FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONIH	(LS.T.)	0	-	2	8	•	2	•	7		٥	01	SKY COVER	OBS.
E .	ā	21.6	3.6	10.8	5.0	2.2	2.9	7.2	7.2	5.8	7.2	26.6	5.3	139
	90	18.4	5.0	6.9	8.5	3.5	3.5	3.5	4.3	5.7	6.6	31.2	5.7	141
	07	12.1	5.0	5.0	7.9	3.6	3.6	3.6	7.1	7.1	9.8	36.4	4.0	140
	9	11.3	4.3	3.5	2.1	9.9	4.3	5.0	2.8	6.6	12.1	38.3	6.9	141
	13	12.1	1.4	1.1	7.1	10.4	3.5	3.5	5.7	14.9	12.1	31.2	9.0	141
	9	12.1	2.8	5.0	7.8	4.9	2.8	3.5	4.9	6.6	14.2	29.1	6.4	161
	67	12.1	7.1	7.8	1.1	2.1	4.0	3.5	5.0	11.3	6.5	29.1	0.0	141
	22	19.9	8.5	4.0	6.6	2.8	3.5	4.	5.0	6.4	7.1	26.2	5.5	141
5	TOTALS	0.81	4.7	6.5	6.9	3.6	3.8	4	4.6	6.8	10.0	31.0	6.1	1125

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5704 SKY COVER JAN 68

SKY COVER

MOFFETT FIELDS CALIFORNIA

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	•	-	2		,	80	•	7		٥	9	SKY COVER	OBS.
MAR	6	30.3	3.2	5.8	4.5	5.2	2.6	3.2	7.7	4.6	2.0	26.5	6.4	155
	*0	23.9	6.5	6.5	4.5	2.6	3.2	1.9	5.2	9.4	5.8	31.6	5.4	155
	70	14.2	9.6	3.9	4.5	3.2	4.5	3.9	2.6	4.5	12.9	37.4	6.3	155
	10	13.5	5.8	3.9	6.5	3.9	3.9	9.2	0.6	7.7	11.6	31.6	6.3	155
	13	14.2	5.2	5.2	3.2	0.6	4.5	3.2	3.9	0.6	12.9	29.7	6.2	155
	97	11.0	11.0	5.8	4.5	5.8	4.5	3.9	3.9	11.6	10.3	27.7	0.9	155
	19	15.5	3.2	10.3	10.3	6.9	3.2	3.2	5.8	7.7	1.6	24.5	5.5	155
	22	7.73	5.2	7.1	5.8	4.5	5.2	3.9	4.5	7.6	1.9	24.5	4.6	155
5	TOTALS	18.8	6.1	6.1	5.5	5.1	4.0	3.5	5.3	4.8	8. 2.	29.5	5.7	1240

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SKY COVER JAN 68

MOFFETT FIELD STATION NAME STATION

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SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	8	7	8	•	7		٥	2	SKY COVER	OBS.
APR	10	40.0	3.3	8.7	0.4	0.8	4.7	2.0	2.0	3.3	8.7	15.3	3.7	150
	*0	37.3	4.7	6.7	5.3	2.7	4.0	3.3	2.0	6.7	0.0	21.3	4.2	150
	07	28.3	7.3	5.3	8.7	2.0	2.0	2.7	4.7	7.3	10.7	24.0	5.1	150
	9	31.3	8.0	2.7	3.3	4.7	3,3	4.0	5.3	8.7	10.7	18.0	4.7	150
	13	28.7	8.7	7.3	4.7	0.9	2.7	0.4	5.3	8.0	8.7	16.0	4.4	150
	97	26.0 11.3	11.3	7.3	6.7	6.7	2.7	2.7	0.9	6.0	12.0	12.7	4.3	150
	67	28.0	8.0	6.7	10.0	4.7	0.0	6.7	4.7	0.0	1.0	12.7	4.1	150
	77	39.3	2.7	11.3	5.3	0.9	4.0	3.3	6.7	0.9	4.0	11.3	3.5	150
TOT	TOTALS	32.0	6.8	7.0	6.0	5.1	3.7	3.6	4.6	6.5	8.4	16.4	4.3	1200

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5704 SKY COVER JAN 68

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOFFETT FIELD, CALIFORNIA

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
HONIH	(LS.T.)	0	-	2	8	-	S	0	7	8	٥	01	SKY COVER	0.00
MAY	10	39.6	11.0	8.00	7.1	1.9	2.6	3.9	8.8	6.5	3.9	14.2	3.4	155
	*0	28.4	11.0	4.5	7.7	4.6	5.2	2.6	3.2	6.5	5.8	16.8	4.1	155
N	7.0	22.6	7.1	6.5	0.6	3.9	4.5	2.6	5.2	7.1	0.6	22.6	5.0	155
	9	30.3	7.7	4.60	6.5	5.8	7.1	3.2	4.5	5.5	8.4	12.9	4.0	155
	13	32.9	10.3	7.1	0.6	2.6	5.2	6.5	4.5	5.8	4.5	11.6	3.6	155
	16	35.5	0.6	11.6	5.8	5.8	5.2	3.9	3.2	3.8	2.6	11.6	3.3	155
	67	33.5	4.8	9.0	9.0	6.9	6.5	3.2	6.5	6.5	2.0	8.4	3.3	155
	22	40.0	7.1	9.0	8.4	9.	6.5	3.2	3.2	4.5	4.5	12.3	3.3	155
5	TOTALS	32.9	9.0	7.7	7.8	4:4	5.4	3.0	2.4	5.7	5.2	3.8	8.8	1240

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5704 SKY COVER JAN 68

SKY COVER

MIPPETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

36.7 8.0 5.3 6.7 4.7 4.0 .7 2.0 28.0 8.7 4.0 6.0 11.3 6.7 3.3 2.7 28.0 8.7 4.0 6.0 11.3 6.7 4.0 .7 2.7 39.0 11.3 4.7 3.3 2.7 4.0 11.3 4.0 42.7 10.0 7.3 8.7 4.0 4.0 3.3 3.3 44.7 8.7 8.7 3.3 7.3 2.7 5.3 5.3 44.7 8.7 8.0 4.0 2.0 4.0 3.3 3.3 3.3 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
01 36.7 8.0 5.3 6.7 4.7 4.0 .7 2.0 04 28.0 8.7 4.0 6.0 1.3 6.7 3.3 2.7 07 30.0 1.3 4.7 3.3 2.7 4.0 1.3 4.0 10 32.7 10.0 7.3 8.7 4.7 6.0 3.3 3.3 13 42.7 10.7 6.7 6.7 6.0 2.7 .7 6.0 16 44.7 8.7 10.0 2.0 4.0 4.0 3.3 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3 1000	=	(L.S.T.)	0	-	2	8	•	5	9	7	80	٥	01	SKY COVER	NO. OF
04 28.0 8.7 4.0 6.0 1.3 6.7 3.3 2.7 07 30.0 1.3 4.7 3.3 2.7 4.0 1.3 4.0 10 32.7 10.0 7.3 8.7 4.7 6.0 3.3 3.3 3.3 13 42.7 10.0 7.3 8.7 3.3 7.3 2.7 7.3 5.3 16 44.7 8.7 8.7 3.3 7.3 2.7 5.3 5.3 19 44.7 8.7 10.0 2.0 4.0 4.0 3.3 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		10	36.7	8.0	5.3	7.0	4.7	4.0	7.	2.0	7.3	2.0	22.7	0.4	150
07 30.0 1.3 4.7 3.3 2.7 4.0 1.3 4.0 10 32.7 10.0 7.3 8.7 4.7 6.0 3.3 3.3 13 42.7 10.0 7.3 2.7 5.3 5.3 16 44.7 8.7 10.0 2.0 4.0 5.3 5.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		90	28.0	8.7	0.4	0.0	1.3	6.7	3.3	2.7	4.0	5.3	30.0	4.9	150
10 32.7 10.0 7.3 8.7 4.7 6.0 3.3 3.3 13 42.7 10.7 6.7 6.7 6.0 2.7 .7 6.0 16 44.7 8.7 3.3 7.3 2.7 5.3 5.3 19 44.7 8.7 10.0 2.0 4.0 4.0 3.3 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		07	30.0	1.3	4.7	3.3	2.7	4.0	1.3	4.0	0.0	8.7	34.0	5.5	150
13 42.7 10.7 6.7 6.0 2.7 .7 6.0 16 44.7 8.7 3.3 7.3 2.7 5.3 5.3 19 44.7 8.7 10.0 2.0 4.0 4.0 3.3 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3	1	10	32.7	10.0	7.3	7.8	4.7	0.0	3.3	3.3	4.7	4.7	14.7	3.7	150
16 44.7 8.7 3.3 7.3 2.7 5.3 5.3 19 44.7 8.7 10.0 2.0 4.0 4.0 3.3 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		13	42.7		6.7	6.7	0.9	2.7	.7	0.9	3.3	3.3	11.3	3.0	150
22 40.7 8.7 10.0 2.0 4.0 4.0 3.3 3.3 22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		16	44.7	8.7	8.7	3.3	7.3	2.7	5.3	5.3	4.0	5.3	4:7	2.7	150
22 40.7 6.0 9.3 8.0 4.0 2.7 .7 3.3		19	44.7	8.7	10.01	2.0	4.0	0.4	3.3	8.8	9.3	6.7	4.0	8.9	150
		22	40.7	0.9	9.3	8.0	0.4	2.7	.7	3.3	10.7	4.7	10.0	3.3	150
	R. A.														
37.5 7.8 7.0 5.6 4.3 4.1 2.3 3.7	1 2	rats	37.5	7.8	7.0	5.6	6.4	4.1	2.3	3.7	6.2	5.1	16.4	20	1200

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SKY COVER

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MOFFETT FIELD, CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	e .	•	10	•	,		٥	0	SKY COVER	OBS.
JUL	10	0.64	5.8	5.5	3.9	3.9	3.2	1.9	3.2	3.2	3.2	17.4	3.2	155
	90	39.4	8.4	4.5	2.6	3.2	601	1.9	1.9	4.5	6.5	25.2	4.2	155
	0.7	32.3	9.7	3.2	5.2	2.6		1.9	3.2	3.9	7.7	30.3	8.4	155
	01	56.8	7.7	0.6	3.9	3.9	3.9		1.9	1.9	1.9	0.6	2.1	155
	13	71.6	5.8	1:9	3.9	5.5	3.9	1.3	1.9	9.		3.9	1.3	155
	16	71.6	7.6	4.5	2.6	9.	1.3	1.3	3.2	1.3	1.3	5.0	1:1	155
	19	69.7	5.8	4.8	3.9	1.3	1.3	3.2	1.3	1.9	1.3	6.	1.2	155
	22	9.09	7.1	7:1	6.5	3.2	2.6	2.6	2.6	3.2		4.5	1.7	155
ToT	TOTALS	36.4	7.5	5.5	4.1	3.0	2.3	1.8	2.4	2.6	2.7	11.9	2.5	1240

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SKY COVER

23244 MOFFETT FIELDS CALIFORNIA STATION MANE

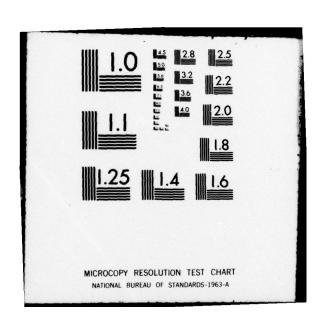
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AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
MONIE	(LS.T.)	0	-	2	3	•	20	9	7	80	6	01	SKY COVER	088.
AUG	10	35.5	7.1	3.2	6.5	5.5	143	1.3	6	8.8	4.5	27.7	4.5	155
	90	31.0	4.5	3.9	3.2	0	1.3	1.3	1.3	3.9	3.9	45.2	5.7	155
	07	24.5	4.5	4.5		1.3	2.6	1.3	4.5	3.5	0.6	44.5	6.2	155
	9	39.4	12,3	3.9	4.5	8.00	6.5	2.6	5.8	3.5	4.8	7.7	3.2	155
	13	56.8	7.7	30	6.9	1.3	3.2	1.3	3.9	5.8	1.3	6.5	2.2	155
	9	58.1	6.5	7.7	3.2	1.9	5.2	1.9	2.6	4.5	3.2	5.5	2.1	155
	19	54.2	8.4	7.7	5.8	1.3	1.3	5.5	2.6	5.5	5.6	3,00	2.2	155
	22	1.74	7,1	7.1	6.5	2.6	2.6	4.5	2.6	1.3	7.7	10.3	2.9	155
											`			
5	TOTALS	7 67	7.3		4	8	0	4 6		4	9.1	0	4	1940



PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOFFETT FIELD, CALIFORNIA

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SKY COVER

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	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
HONE	(LST)	•	1	2	8	•	8	9	7		6	01	SKY COVER	NO. OF
560	8	611.3	3.3	1,3	4.0	3.3	3.3	2.0	0.0	2.7	5.3	27.3	4.4	150
	*0	31.3	3,3	2.0	2.0	2.7		.,	1.3	3.3	1.0	46.7	5.9	150
	20	18.7	7.3	2.0	3.3	2.0		2.0	0.0	5.3	7.3	46.0	6.5	150
	10	26.0	5.3	10.0	8.0	5.3	4.0	4.0	2.0	8.0	5.3	22.0	4.0	150
	13	53.3	3.3	0.0	4.7	1.3	3.3	4.0	3.3	6.7	6.7	7.3	2.9	150
	92	56.7	0.9	4.7	2,0	3.3	2.7	3.3	0.4	2.0	5.3	10.0	2.6	150
	67	57.3	6.7	3,3	3.3	0.4	5.3	2.7	3.3	0.4	4.0	0.0	2.3	150
	22	46.7	5,3	5.3	4.7	0.4	2.7	2.0	7.3	4.7	5.3	12.0	3.3	150
101	TOTALS	4.14	1.8	4.3	0.4	3.2	2.7	2.6	4.2	4.0	5.7	5.7 22.2	4.1	1200

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SKY COVER

MUFFETT FIELDS CALIFORNIA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL NO. OF	OBS.	155	155	155	155	155	155	155	155		1240
MEAN TENTHS OF	SKY COVER	3.4	4.2	5.1	4.5	3.6	3.4	3.1	3.5		3.9
	9	15.5	26.5	31.0	18,1	9.0	10.3	12.3	16.1		17.4
	٥	7.1	3.9	5.8	7.1	5.8	4.5	5.8	2.6		5,3
		4.5	5.8	5.2	4.8	8.4	5.2	5.2	7.7		6.3
KY COVER	7	3.9	6	6.5	8.8	3.9	5.8	6.1	1.9		3.9
OF TOTAL S	•	1.3	2.6	2.6	3.2	2.2	5.2	3.2	5.8		3.6
OF TENTHS	s	3.2	3.2	103	6.5	3.2	4.5	2.6	3.9		3.3
FREQUENCY	•	103	2.6	1.9	2.6	5.8	3.2	4.5	3.9		3.2
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	8	5.8	4.5	5.2	10.3	8.4	4.5	2.6	3.2		5.6
	2	6.5	5.2	4:5	5.2	8.4	10.3	7.1	\$:0		6.2
	1	6.9	3.9	1.1	6.5	0.6	9.7	9.0	\$19		701
	•	6.6.9	40.6	28.4	28.4	32.9	36.8	45.8	8.54		38.2
HOURS	(LST.)	3	*0	0.7	9	13	9	81	22		ALS
	MONTH	130									TOTALS

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5704 SKY COVER JAN 68

MOFFETT FIELDS CALIFORNIA

73-77

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONIH	(LS.T.)	0	-	2	e	•	8	۰	7		٥	2	SKY COVER	080
NDV	8	34.0	2.7	5.3	9.0	4.7	0.4	0.0	1.4	0.0	5.3	21.3	4.5	150
	*	27.3	4.7	5.3	3.3	0.9	8.0	2.7	7.3	4.0	5.3	26.0	5.0	150
	07	15.3	5.3	5.3	7.3	5.3	5.3	3.3	4.7	8.0	10.0	30.0	5.9	150
	9	16.0	4.7	9.0	6.7	5.3	2.7	3.3	2.0	13.3 12.7	12.7	29.3	6.2	150
	67	16.0	10.0	5.3	6.7	8.7	4.7	.,	3.3	12.7	8.0	26.0	5.6	150
	9	18.3	10.0	7.3	9.3	4.7	9.0	2.0	3.3	9.3	10.0	24.7	5.4	150
	61	22.7	7.3	6.9	9.3	3.3	5.3	3.3	4.7	6.7	3.3	24.7	20.4	150
	22	32.0	0.0	0.0	9.3	0.4	4.7	3.3	4.7	5.3	2.7	22.0	4.2	150
101	TOTALS	22.1	6.3	0.9	7.2	5.3	8.4	3.1	4.3	8.2	7.2	25.5	5.5	1200

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SKY COVER

MOFFETT FIELDS CALIFORNIA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DEC 01 26.5 5.2 8.4 6.5 4.5 0.7 15.5 5.2 7.1 7.1 2.6 0.7 15.5 5.2 7.1 7.1 2.6 1.5 1.5 5.2 7.1 7.1 2.6 1.5 1.5 5.2 8.4 7.1 5.2 0.5 1.5 5.2 8.4 7.1 5.2 0.5 1.5 5.2 8.4 7.1 5.2 1.7 1.5 5.2 1.5 5.2 8.4 7.1 5.2 7.1 1.5 5.2 7.1	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	OF TOTAL S	KY COVER				MEAN	TOTAL
26.5 5.2 8.4 6.5 25.8 3.9 9.0 5.2 15.5 5.2 7.1 7.1 12.9 5.2 5.8 5.2 15.5 7.7 10.3 3.9 27.1 6.5 10.3 5.8 31.6 3.9 7.7 5.2	s	•	,	6	6	5	SKY COVER	088
15.5 5.2 7.1 7.1 12.9 5.2 5.8 5.2 12.9 5.2 5.8 5.2 115.5 5.2 8.4 7.1 15.5 7.7 10.3 3.9 27.1 6.5 10.3 5.8 31.6 3.9 7.7 5.2	3.9	6.1	6.5	7.7	3.9	27.1	4.9	155
15.5 5.2 7.1 7.1 12.9 5.2 5.8 5.2 15.5 5.2 8.4 7.1 15.5 7.7 10.3 3.9 27.1 6.5 10.3 5.8 31.6 3.9 7.7 5.2	3.2	4.5	3.2	7.1	4.5	29.0	5.1	155
12.9 5.2 5.8 5.2 15.5 5.2 8.4 7.1 15.5 7.7 10.3 3.9 27.1 6.5 10.3 5.8 31.6 3.9 7.7 5.2	6.5	1.3	2.6	6.5	12.3	33.5	1.0	155
15.5 5.2 8.4 7.1 15.5 7.7 10.3 3.9 27.1 6.5 10.3 5.8 31.6 3.9 7.7 5.2	3.2	9.	4.5	6.5	12.9	36.8	6.5	155
27.1 6.5 10.3 3.9 27.1 6.5 10.3 5.8 31.6 3.9 7.7 5.2	3.2	3.9	2.6	7.7	14.2	27.1	5.8	155
31.6 3.9 7.7 5.2	5.2	1.9	3.2	6.5	11.6	30.3	5.7	155
3.9 7.7 5.2	1.9	3.2	4.5	7.6	1.9	21.3	*:	155
	•	00	6.5	1.9	1.9	27.7	4.0	155
TOTALS 21.3 5.4 8.4 5.8 5.3	3.5	2.9	4.0	6.7	7.9	29.1	5.4	1240

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	No. of Contract									
0	50	0	0	0	.0	0	100		10	
5704 SKY	COVER	TAN	40			- 0	1	=		
3/U4 3KT	COVER	JAN	00	and the same of the same	CONTRACTOR OF THE RE	ena leser qui traci		AT JUST HUND TOWN	Acres to the	

73-77	ERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)
HOFFETT FIELD, CALIFORNIA	PERCENTAGE FR (FROM HO
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	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	•	-	2	8	•	80	•	,		٥	9	SKY COVER	085.
JAN	ALL	22.6	6.2	7.3	5.1	4.5	4.2	3.9	4.2	0.0	7.3	28.1	5.3	1240
FER		15.0	4.7	6.5	6.9	3.6	3.8	4.3	8.4	8.9	10.0	31.0	1.0	1125
MAR		18.8	1.0	1.0	5.5	5.1	0.0	3.2	5.3	8.4	8.5	29.5	5.7	1240
APR		32.0	6.8	7.0	0.0	5.1	3.7	3.6	4.6	6.5	9.4	16.4	4.3	1200
HAY		32.9	0.6	7.7	7.8	4.4	5.6	3.6	4.5	5.7	5.2	13.8	3.8	1240
NOT		37.5	7.8	7.0	5.6	4.3	4.1	2.3	3.7	6.2	5.1	16.4	3.8	1200
131		56.4	7.5	5,5	4.1	3.0	2.3	1.8	2.4	2.6	2.7	11.9	2.5	1240
AUG		43.4	7.3	5.5	4.5	2.5	3.0	2.4	3.2	4.1	5.1	19.1	3.6	1240
SEP		4.14	5.1	4.3	0.4	3.2	2.7	2.6	4.2	4.6	5.7	22.2	4.1	1200
130		38.2	7.1	6.2	5.6	3.2	3.3	3.6	3.9	6.3	5.3	17.4	3.9	1240
NDV		22.1	6.3	0.9	7.2	5.3	4.8	3.1	4.3	8.2	7.2	25.5	5.2	1200
DEC		21.3	5.4	8.4	5.8	5.3	3.5	2.9	0.4	6.7	7.9	29.1	5.4	1240
2	TOTALS	31.8	6.6	6.5	5.7	4.1	3.7	3.1	4.1	6.2	6.9	6.5 21.7	4.5	14605

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- Cumilative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumilative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
- . Daily maximum temperature
- o. Daily minimum temperature
 - . Daily mean temperature
- Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. of daily extreme temperatures are prepared:
- a. Extreme maximum temperature b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided: 3.
- depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb which may require two pages in some cases.
- A percentage frequency in this table of ".o" represents one or more occurrences amounting to less NOTE:

Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of The number of obsersquares $(\sum X^2)$, sums of values $(\sum X)$, means (\overline{X}) , and standard deviations (σX) . vations used in the computations for each element is also shown. ۀ

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- dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month. At the lower right of the form are given the mean number of hours of occurrence for six ranges of ;
- Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
- . Wet-bulb temperature
- .. Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è.
- Percentage frequency of occurrence of dry-bulb temperature versus wind direction This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm). .9

MAXIMUM		ANNUAL	9	-	.3		3.1	8.0	18.3	38.2		2000	18.0	92.3	98.6	0.00	100.0	200	****												66.7	000
		DEC.								0.	0		3303	70.9	93.7	8.00	100.0	20000	-		1							1			57.4	21606
		NOV.					.3	1.3		16.3			1000	96.8	60.66	100.0	2													111		2000
		OCT.		1		•	4.0		4	58.7	0			100.0																	71.6	070.0
YEARS		SEP.	7		•	5.2	11.0	600h		78.8	7 6.0	9 ()	10000																			000
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE	S)	AUG.	3	-	~	-	3.9	15.0	3.8.5	-		9 6	10000														Ī				73.8	1000
95=77 QUENCY O	(FROM DAILY OBSERVATIONS)	JUL.		-	•	1.5	4.7	13.0	88.07	111	000	100	100.0																		73.6	5.472
AGE FREG	MILY OBS	JUN.			1.6	4.1	6.3	6.41		9	0	2000	00.00	100.0							1										72.9	0470
PERCENT	(FROM D	MAY	я	-	2	1.5	3.4	7.7	0	0		6	9701	66.66	100.0							1									9.89	9.000
I F DRNI		APR.					9	5.5				2	2.28	97.9	0.00	0.001	2						1	1	1						65.7	
Box KARL		MAR.						•	3			20.3	25.1	92.1	7.66	000		7000													61.7	000
¥319 I		FEB.							•				52.3	84.8	98.2		10 m															236
MOFFETT FIELDS CALIFORNIA CUMULATIVE		JAN.										000	29.62	64.5	91.8	0.00	2000	200	1000												56.7	2.371
*****		TEMP (°F)	108	100	=	96	- 11	9					9	- 66	- 95		3		8													S.D.

DAILY TEMPERATURES

ANNOAL			•	0	27.	51.	72.0	88.3	96.	99.5	0 001	1.64
DEC.			1		2.7	13.1	32.1	63.9	88.4	98.7		42.0
NON			1	•	6.1	30.1	59.4	86.5	97.2	99.9		0.94
OCT.				34.3	30.2	69.3	91.6	96,8	9006	100.0		51.5
SEP.		•	000	17.2	61.7	92.0	99.2	100.0				99.66
AUG.			-	22.2		98.3	-					56.8
JUL	* *		1	10.0	73.0	97.7	100.0					56.4
NON		-		1	46.8	16.5	9.66	100.0				5403
MAY			1	1.0	16.4	60.2	92.7	99.5	100.0			50.5
APR					**	26.8	67.5	95.2	99.7	E		46.7
MAR.					1.0		48.4	8	6	10		44.5
FEB.					2.9	16.0						43.6
JAN				6.9	2.5	10.8	27.1	55.5	83.2		100.00	40.4
TEMP (°F)		07	3	8	33	36	6.0	ug .	110	og .		MEAN



















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MOFFETT PIELDS CALIFORNIA

572] Daily Temperatures Jan 196

TEMP (°F)	NA.	FE8.	MAR.	APR.	MAY	NS.	JUI.	AUG.	SEP.	OCT.	NO.	DEC.	-
8 9						2	7		-				-
2					1	1.2	.5	-	. 7				-
25					1.0	4.2	2.2	0	4.3	5			-
70					3.6	11.8	10.2	13.1	16.1	5.3	*		-
69	**		1.7	6.9	14.3	37.4	84.9	59.7	53.4	25.9	2.5	.2	
90	2.8	5.5	9.3	24.6	47.2	82.9	8.96	98.2	94.5	68.3	1861	3.3	
9.5	14.6	28.7	37.0	61.8	92.2	100.0	100.0	100.0	0.00	95.3	55.6	18.8	
4	22	3.16		. 40	46.				0.001	00.2	200		
	10.0	0	00	000	-				*	100	00.0	88.0	
	03.0	1									000	OR	
	00										2	000	
	24.	2000							-	+	1	2000	1
9	10000												1
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									1 11	1 11			
MEAN	48.9	52.0		56.4		63.6	65.3	65.6	65.5	61.7	55.5	20.0	
S. D.	5.307	4.673	63	4.822	4.522						400	440	=
											> = + - +	3100	

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

O O C

23244 MOFFETT FIELD, CA STATION STATION NAME

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1946-1977

YEARS

JANUARY

			MAXIMUM TEMP	MP				MINIMUM TEMP	MP	
	AVERAGE	36	EXTREME	ME		AVERAGE	ш	EXTREME	EME	
	¥°	ာ့	.	၁့	DATE	¥°	၁့	٠ ۲	၁ွ	DATE
0	54.8	12.7	63	17.2	1973*	38.0	343	30	1.1-	1965*
	54.6	12.6	- 29	16.7	1977*	38.5	3,6	28	-2.2	1960*
-	54.0	12.2	29	16.7	1661	39.3	100	62	-1.	*256T
		12.3	29	1001	1948	37.9	3,3	27	-2.8	1969
4.9	54.2	12.3	9.0	17.8	1976	38.3	305	12	1.9-	1949
8.6		13.4	70	21.1	1948	38.7	3.7	22	-5.6	1950
		13.5	70	21.1	1962	39.5	0.4	27	02.8	1950
9.2	56.1	13.4	74	23.3	1962	41.0	9.0	62	-1.7	1955
0	55.8	13.2	7	21.7	1962	40.5	4.7	16	-0.6	1957
		1	69	20.6	1953	41.2	5.1	97	-3.3	1949
3		12.9	67	19.4	1959	42.1	5.0	.23	-5.0	1949
	56.2	500	67	19.4	1948	42.0	316	82	2.2.	1949
2		13.9	89	20.0	1974	40.2	4.0	57	-3.9	1949
2	57.9	14.4	99	20.0	1974#	40.3	914	52	-1.7	1949
		14.0	7.1	21.7	1974	40.7	4.0	67	-1.7	1963*
9.5	57.5	14.2	67	19.4	1970	40.1	4.8	62	-1.	1947
•		14.0	69	19.4	1974*	41.2	3,1	67	-1.7	1947*
0		14.6	89	20.0	1948	41.7	5,4	27	-2.8	1947
10.1	56.8	13.8	69	20.6	1976	43.4	613	31	-0.6	1948
6.6	57.4	14.1	89	20.0	1976	45.4	5.8	30	-1.1	1963
9.6	57.6	14.2	40	21.1	1975*	41.6	900	30	-1.1	1966
10.2	58.4	1.0.1	72	22.2	1968	42.3	20.1	30	-1.1	1962
2	59.2	15.1	26	24.4	1948	41.4	5,2	33	9.0	1949*
1	57.0	13.9	76	24.4	1948	41.8	304	16	-0.6	1949
	57.1	13.9	67	19.4	1969	42.1	200	30	-1:1	1949
	57.3	14.1	69	18.3	1977#	42.0	9:6	52	-3.9	1949
•		14.2	99	18.9	1976	40.2	4.0	12	-2.8	1949
0	57.3	14.1	89	20.0	1966	40.1	4.5	52	-1.1	1948
3	56.7	13.7	89	20.0	1962	40.0	4.9	28	-2.2	1949
9.8	58.1	14.5	73	22.8	1976	41.2	5,1	52	-1.	1949
. 5	57.7	14.3	74	23.3	1976	40.0	8.4	28	-2.2	1946
6	56.7	13.7	76	24.4	1948	40.7	4.8	21	-6.1	1949

*ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

MOFFETT FIELDS CA 23244

STATION NAME

STATION

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1946-1977

YEARS

MONTH FEBRUARY

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NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

STATION NAME FIELDS CA MOFFETT

23244 STATION

0

1945-1977

YEARS

MONTH

MARCH

AVERAGE

EXTREME MAXIMUM TEMP

AVERAGE

MEAN TEMP AVERAGE

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DAY

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EXTREME MINIMUM TEMP

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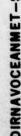
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ALSO ON EARLIER YEARS





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Monthly

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MDFFETT PIELD, CA STATION NAME

STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1977

YEARS

APRIL

MONTH

		DATE	1661	1963*	1946	1945	1945	1975#	1948	1971*	1953#	19534	19764	1953#	1961	1952	1955	1955	1975	1967#	1955	1961	1946	1945	1970#	1960	1958	1958	1955#	1955	1952#	1946	1945
	E	ွ	202	3.3	2.8	0.0	0.0	3,3	1.1	4.4	2.2	***	2.8	2.2	3.9	***	1.01	2.2	3.3	9.6	***	8.2	9.0	4.4	906	3,3	3,3	4.4	3.3	3.3	3.9	3,3	0.0
MINIMUM TEMP	EXTREME	₽°	30	36	37	26	35	38	134	04	36	04	37	36	36	04	35	36	38	25	04	37	10	Ch	24	38	38	0	38	36	66.	38	26
W		၁့	**	161	1,0	1 6	8,9	8.2	7,93	7.5		1.07	763	218	262	8 . 9	1 00	86,	6.1	8 . 4	9.0	2 6	8.3	8,1	9 . 0	900	800	***	80.4	1 + 9	200	8 . 8	8.2
	AVERAGE	, F	49.4	45.8	46.1	46.5	1.84	46.7	45.1	45,5	49.4	45.6	45.2	46.7	47.0	0.84	60.5	46.2	46.3	1.4	47.2	46.7	40.0	46.6	47.4	47.2	47.5	2.14	47.1	46.5	47.07	47.8	46.7
		DATE	1959	1959	1961	1960	1681	1960	1973	1973+	1968	1973	1962*	1967	1961	1947	1996	1966	1954	1950	1950	1950	1973	1945	1946	1966	1965	1965	1969	1981	1974	1947	1965
a	1E	၁့	27.8	27.8	27.2	28.3	26.7	27.8	24.4	24.4	26.7	25.6	26.7					27.8	28.3	28.3	28.9	25.6	23.9	27.8	30.0	26.7	26.7	30.6	28.9	30.0	30.0	28.9	30.6
MAXIMUM TEMP	EXTREME	٠ ١	82	82	18	63	80	82	16	16	00	9,	80	98	88	89	78	82	83	63	84	2	75	82	98	90	80	84	84	98	86	98	87
MA		၁့	16.9	18.2	19.2	19.4	18.4	17.8	17.8	17.6	17.2	18.4	18.9	19,4	18.6	19.3	19.4	19.1	18,7	19.0	18.6	18,4	18,7	19.0	18.9	19,3	18.9	19.2	19.2	18,8	19.4	19.4	18.7
	AVERAGE	, F	62.5	1.40	66.9	67.0	-	0.49	1.49	63.7	0969	-	0.99	67.0	69.5	8.99	67.0	4.99	65.7	2.99	•	65.2	-	=	1.99	66.7	0.99	-	3	69.9	1	0.10	65.7
		၁့	12.2	12.9	13.5	13.8	13.7	12.9	12.6	1206	12.3	13.1	1301	13.8	13.6	1641	13.6	13.5	13:3	13,7	13.5	13,3	13.5	13.6	13.7	13.8	13.8	13.8	13.8	13.4	14.1	1441	13.4
MEAN TEMP	AVERAGE	٠ ٦	3.9	55.2	56,3	86.8	56.7	55.3	54.6	94.6	54.2	55.5	55.6	86.8	5615	57.4	96,8	\$6,3	0.96	56.7	56,3	96.0	56.3	50.4	56.7	6.95	86.98	56.9	56.8	50.2	57.3	57.4	56.2
		DAY		2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	11	18	19	20	21	22	23	24	25	26	27	28	29	30	31 Monthly

*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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MOFFETT FIELDS CA 23244 STATION

STATION NAME

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1945-1977

YEARS

MONTH MAM

	MEAN	EINIL			THE PROPERTY OF					110000000000000000000000000000000000000		
	AVERAGE	GE	AVERAGE	GE	EXTREME	ME		AVERAGE	3	EXTREME	ME	
DAY	ъ. В	၁့	٠ ٣	၁့	۰ ۳	ပ	DATE	, F	o°.	٠ ٤	၁ွ	DATE
-	\$7.5	14.2	6000	19.2	16	32.8	1947	48.5	9.2	36	3.9	1948
2	57.4	14.1	9.99	19.2	8 1	27.2	1970*	48.2	0.6	14	5.0	1948
3	57.4	14.1	4.99	19.1	46	26.1	1970*	48.5	9,2	04	4.4	1949
7	57.6	14.2	66.7	19.3	84	28.9	1953	48.5	9.2	38	3,3	1952
9	58.4	14.7		20.0	06	32.2	1969	48.6	6 6	141	5.0	1952
9	99.2	1501		20,5	88	31.1	1949	40.5	4.6	38	3.3	1950
1	99.0	15.0	68.3	20.2	88	29.4	1959	49.8	636	42	9.6	1964*
8	57.6	14.2	-	18.6	72	22.2	1974*	49.7	8 6	04	***	1950
6	51.6	14.8	-	19.9	80	26.7	1950	F-6+	9.6	24	9.6	1950
10	98.6	15.3	6.89	20.5	18	27.2	1973*	50.2	1001	6.9	1.0	1948
-11	59.7	1504		20.4	8	28.9	1976	9006	10.3	45	7.2	1953*
12	59.4	19.2	4.89	2002	103	39.4	1976	5000	10,2	63	110	1963
13	50.3	15.2	-	20.0	16	32.8	1976	50.5	10.3	63	1.0	19581
7	39.5	19.3		20.7	98	30.0	1970	8.64	6.6	24	2.6	1968*
15	2.09	19.7	40.0	21.6	26	33.3	1970	49.0	8.6	14	2.0	1955
16	9009	19.9	10.8	21.6	93	33.9	1956	50.4	10.2		5.0	1948
11	9.09	19.9	70.0	21.1	06	32.2	1952	51.2	10.7	**	6.7	1977*
18	59.4	15.2	67.5	19.7	96	30.0	1955	-	1001	643	1.0	1977#
19	60.3	19.7		20.6	8.4	30.6	1952	91.6	10.9	25	9.6	1950
20	56.68	15.3		20.1	82	27.8	1950	50.7	10.4	**	6.7	1945
21	89.9	55.5	689	20.5	80	26.7	1975	51.0	10.6	**	6.7	1974#
22	0.00	15.6		20,4	87	30.6	1954	51.1	10.6	45	7.2	1960*
23	1.66	15.4	68.8	20.4	88	29.4	1952	9006	10.3	45	7.2	1945
24	6.66	1505		20.3	81	27.2	1975	51.3	10.7	69	7.2	1972#
25	60.7	15.9		21.0	63	33.9	1991	51.7	10.9	**	6.7	1961
26	61.1	16*2	6.69	21,1	68	31.7	1974	52.4	1103	26	2.6	1953
22	61.3	16.9	70.8	21,6	82	27.8	1975	51.8	1100	43	7,4	1956
28	61.4	16.3	71.1	21.7	66	33.9	1975	51.8	1100	6.6	7.2	1959
62	61.6	16.4	71.1	21.7	86	36.7	1950	52.1	11,2	45	7.2	+1961
30	61,1	16.2	6.69	21,1	84	28.9	1970	52.3	11,3	44	6.7	1974
31	61.0	16.1	6669	21.1	90	32.2	1970	52.1	1102	45	7.2	1955
Monthly	7.6x	16.3	8.84	7.V6	103		7691	* * *		3.5	1 1	46-01

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*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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STATION NAME MOFFETT FIELD, CA

23244 STATION

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1945-1977

YEARS

MONTH

SUNE

		DATE	1955	1966	1953	1962	1956	19764	1951	1950	1953*	1972	1956	1952	1952#	1959#	19261	*6561	1948	1975	1964	19261	1975	1975#	1975*	1975#	1975	1975#	1955	1947	1949	1955	1988	1933
•		ွ	0.1	7,2	7.2	7.2	7.2	8.4	7.2	7.8	8.9	7.2	7,2	0.7	6 9	6.8	8.9	8.3	7.8	8.9	4.0	8.3	10.0	10.6	10.0	4.6	7.2	9.6	6.8	8.9	7.2	8.9		7:0
MINIMUM TEMP	EXTREME	9°F	6.5	6.6	6.5	64	66	9.	6.5	96	84	45	63	*		8.	99	16	96	20	60	4.4	20	16	90	64	69	66	8.	84	43	6.8	2.4	
IW		၁့	11,6	1100	11,0	11,99	1203	1201	1108	11,8	11.8	1100	11,5	611	1100	1245	1209	1205	1246	1361	1302	12.7	13,0			13,0		1301	120	1200	1200	12,7		15.4
	AVERAGE	٠ ٣	52.6	52.5	53.2	53.5	54.2	53.7	53.2	53.3	53,3	52.9	52.7	53.5	52.9	54.5	55.3	54.5	54.7	55.0	55.8	54.9	50.5	55.3	55.8	55.4	55.6	55.0	24.7	55.2	54.6	54.8	6 7.	20.0
		DATE	0961	1960	6461	6961	1977	1973	1973	1973	1973	1945	1947	1961	1966	1961	1976	1945	1945	1946	1962	1973	1977	1947	1976	1976	1976	1976	1976	1976	1950	1972		4070
•	Е	٥,	35.0	0.04	31.7	35.6	29.4	31.1	32.2		27.8	400		-	-	ive.		6	-			35.0	-	0	39.4		37.2	36.1	38.9	30.7	32.8	32.8		60.04
MAXIMUM TEMP	EXTREME	ъ°	56	104	89	96	85	88	06	66	82	82	400	66	36	102	46	63	69	66	06	66	26	9.8	103	104	66	46	102	86	16	16	10.	101
MA	E	၁့	21.8	22.2	21.4	22,3	-	21.2	21.1	21.0	20.8	20.9	21.3	21.9	22.7	23.3	1	23.2	3	23.3	22.7	23,8	24.7	24.4	23.3	23.9	23.5	23.0	23.6	23.4	23.6			22.7
	AVERAGE	L.o	71.3	71.09	70.5	72.1	71.8	70.1	60.69	8.69	4.69	69.7	Beauti	71.05	72.8	73.9	74.2	73.8	75.0	74.0	72.9	74.8	76.4	76.0	74.0	75.0	74.3	73.4	74.4	74.2	74.5	74.7		12.0
		٥,	16.7	16.8	16.6	17.1	17.2	16.6	16.4	16.4	16.3	16.3	1004	16.9	14.1	17.9	10.2	17.0	18.2	18.2	18.0	18.2	19.1	18.7	18.3	18.4	18.3	19.1	18.1	19.2	18.1	18,2		11.6
MEAN TEMP	AVERAGE	, F.	62.0	62.2	61.9	62.8	65.9	61.9	61.5	61.5	61.3	61.3	61.6	62.5	62.8	64.2	64.7	64.2	8.49	8.49	4.49	64.8	4.09	65.7	64.9	65.2	65.0	64.5	64.5	64.7	64.5	84.49		63.6
		DAY		2	3	7	2	9	7	œ	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

*ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

ASHEVILLE, NORTH CAROLINA

NAVAL WEATHER SERVICE DETACHMENT

MOFFETT FIELD, CA

STATION 23244

0

STATION NAME

1945-1977

MONTH

705

YEARS

AVERAGE

EXTREME MAXIMUM TEMP

AVERAGE

MEAN TEMP AVERAGE

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EXTREME MINIMUM TEMP

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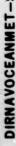
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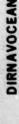
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ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME MOFFETT FIELD, CA 23244 STATION

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1945-1977

YEARS

AUGUST

MONTH

	MEAN TEMP	EMP		MA	MAXIMUM TEMP	MP			Σ	MINIMUM TEMP	MP	
	AVERAGE	AGE	AVERAGE	AGE	EXTREME	ME		AVERAGE	36	EXTREME	EME	
DAY	ъ. •	၁့	L	၁့	.	o°.	DATE	, F	o°.	₽,	ွ	DATE
	65.8	18.8	74.4	23.6	06	32.2	1977	57.3	14.1	26	11:1	1970#
	49.69	19.6	73.3	22.9	98	35.0	1946	57.5	14,2	64	4.6	1956
	64.7	18.2	72.6	22,6	83	28.3	1969	26.8	13.8	64	4.6	19561
	64.5	1901	72.5	22.5	88	31.1	1941	56.4	1300	64	4.6	1949
	9009	1901	73.6	23.1	63	29.4	1961	55.7	13,2	*	8.3	1954#
	0000	18.9	75.0	23.9	98	28.9	1955	96.9	13,8	65	4.6	1950
	63.3	18.6	73.6	23.1	83	28.3	1971	57.4	1001	68	4.6	1947
	65.8	18.8	74.0	23.3	84	28.9	1975*	57.6	7457	69	4.6	1949
-	43.4	18.6	73.2	22.9	84	28.9	1970+	37.6	1402	20	10.0	1948
10	65.8	18.8	73.7	23.2	85	29.4	1971	58.0	***	90	10.0	1001
=	9,49	1901	71.9	22.2	86	30.0	1959	57.4	1001	20	10.0	1948
12	65.1	18.4	73.5	23.1	98	31.1	1959	26.7	1307	•	4.6	1945
13	9.49	19:1	73.0	22,8	84	28.9	1965	50.2	1300	90	10.0	19551
14	64.9	18.1	73.1	22.8	87	30.6	1661	55.9	1363	8 %	8.8	1955
15	65.1	19.4	74.0	23,3	16	32.8	1950	56.3	13,5	90	10.0	1954
16	65.2	18.4	74.1	23.4	65	29.4	1960	56.4	13.6	16	10.6	1994
17	65.6	18.7	74.1	23.4	85	29.4	1950	57.1	1300	20	10.0	1956
18	65.2	18.4	73.2	22.9	200	28.3	1945	57.2	14.0	16	10.6	1949
19	69.6	18.8	74.5	23.6	68	31.7	1964	57.4	1001	51	10.6	1957
20	66.2	19.0	75.1	23.9	88	31.1	1974	57.3	1.0.1	20	10.0	1948
21	65.6	18.7	74.1	23.4	98	30.0	1974#	97.0	13,9	16	10.6	19541
22	65.7	18.7	74.5	23.6	88	31.1	1959	9008	13.8	4.4	6.3	1947
23	65.4	18.6	74.2	23,4	87	30.6	1959	56.5	13.0	25	11.1	1960*
24	65.4	18.6	74.1	23.4	85	29.4	16261	26.7	1301	20	10.0	1955
25	84.8	18.2	73.6	23.1	18	27.2	1977	56.0	1303	64	4.6	1963
26	84.8	18.2	73.5	23.1	82	27.8	1965	2005	1304	90	10,0	1970*
27	65.2	19.4	73.8	23.5	92	33.3	1962	50.3	13,6	90	10.0	1960
28	66.1	18.9	75.2	24.0	16	34.4	1977	56.9	13,8	20	10.0	1997
29	0.09	18.9		24.1	100	37.8	1977	2606	13,7	16	10.6	19754
30	65.7	18.7		23.6	86	30.0	1976	56.8	13,8	41	8,3	1955
31	65.3	18.5	74.2	23.4	06	32.2	1947	50.3	13,0	20	10.0	1955#
Monthly	65.3	18.5		23.2	100	37.8	1977	56.8	13.3	4.1	8.3	19554

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*ALSO ON EARLIER YEARS

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23244 MOFFETT FIELDS CA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA Dr CA

STATION NAME

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1945-1977

YEARS

SEPTEMBER

MONTH

1970* 19591 1964 1970 1940 1946 1946 970 1954 1967 1954 1960 1950 1955 1945 1947 1948 10.0 5.0 0.01 9.0 8,3 7:8 +.6 8.3 8:3 9.1 EXTREME MINIMUM TEMP 20 95 0 5 12.0 392 13,1 AVERAGE 55.6 55.1 19971119911119911111 1961 1976 1976 1976 1976 1974 1964 1958 1966 1971 33.2 33.9 32.2 35.0 35.0 33.9 9.04 EXTREME MAXIMUM TEMP 105 222224 24.6 23.8 0 4 9 3 AVERAG 74.2 76.5 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2 75.2 76.2 79.6 75.4 74.9 14.8 75.5 0000 10:4 9:01 18:3 +:01 18.4 8,2 18.5 MEAN TEMP AVERAGE 65.2 65.3 1999 666.1 DAY 15 16 18 19 22 12 10 = 13 7 17 8 2 23 24 25 92 27 88 8 30 2 6

*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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STATION	STATION NAME	

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	AVERAGE	AGE	AVERAGE	GE	EXTREME	ME		AVERAGE	E	EXTREME	AE	
DAY	H _o	٥,	, F	၁့	<u>ا</u>	၁့	DATE	, H°	၁့	٩,	ွ	DATE
1	0.40	17.8	74.2	23,4	92	33.3	1970*	53.8	1201	04	***	1461
2	63.7	17.6		23.1	8.1	30.6	1952	53.9	12.2	16	5.0	1950
3	63.5	17.5	73.2	22.9	98	30.0	1947	53.8	1201	43	0.1	1950
4	63.1	17.3	13.4	23.0	98	30.0	1953*	52.9	1100	43	6.1	1955
2	65.9	17.2	72.8	22.7	98	30.0	19764	53.0	11.	**	1.0	1954#
9	63.3	17.4	74.5	23,6	63	33.9	1976	52.1	1102	63	7,2	1955#
1	62.6	17.0	73.0	22.8	88	29.4	1965	52.2	11,2	45	7.2	1940
8	62.6	17.0	72.8	22.7	83	28.3	1966	52.4	1103	26	2.6	1975
6	62.2	16.8	72.1	22.3	06	32.2	1958	52.2	1102	63	7.2	1955*
10	62.7	17.1	72.5	22.5	88	29.4	1946	52.9	1100	63	7.2	1955#
=	62.8	19.1	72.3	22.4	87	30.6	1946	5303	1198	44	8.3	1955*
12	63.1	17.3	73.5	23.1	67	30.6	1976	52.7	11,5	**	2.0	1956
13	63.5	17.5	73.9	23.3	87	30.6	19764	53.1	1107	43	7.2	1950
14	62.3	16.8	71.8	22.1	87	30.6	1961	52.9	1100	**	6.7	1960*
15	62.1	16.7	71.5	21.9	06	32.2	1961	9.25	1100	05	*:*	1966
16	62.2	16.8		22.3	88	31.1	1959	52.2	1102	**	0.1	1946
17	61.7	16.5	72.1	22.3	87	30.6	1968	51.2	10.7	24	9.6	1971*
18	60.1	15.9	69.7	50.0	180	27.2	1968*	51.7	10.9	30	3.9	1949
19	60.3	15.8	6.69	21.1	98	30.0	1961	5101	1006	37	2.8	6461
20	80.09	16.0	70.7	21.5	48	28.9	1975	50.9	10,5	33	9.0	1949
21	1.09	15.6	69.8	21.0	82	27.8	1965*	\$000	1002	37	2.8	1949
22	59.7	15.4	69.1	20.6	83	28.3	1968	9006	10,2	38	3.3	1949
23	60.2	15.7	69.2	20.7	68	31.7	1959	51.2	1001	30	3.9	1949
24	60.7	15.9	70.7	21.5	98	30.0	1968	50.7	10.4	16	2.0	1953#
25	60.1	15.6	69.7	50.9	85	29.4	1968	50.4	10.2	04	*:*	19861
26	59.7	15.4		20.6	89	31.7	1968	50.2	1001	16	2.0	*6961
27	58.8	14.9		20.3	28	27.8	1968	0.64	916	16	9.0	1948
28	58.7	14.8	68.8	50.4	18	25.6	1973*	48.0	206	33	0.0	1946
53	59.4	15.2		21.1	28	27.8	6961	9.84	6 6 3	33	9.0	1946
30	58.9	14.0	68.8	20.4	83	28.3	1961	1.64	616	33	9.0	1946
31	58.4	14.7	0.69		88	\$3.4	1966	47.8	8 6 8	1.	9.0	1961
	3 17											

*ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

MOFFETT FIELDS CA

23244 STATION

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NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

STATION NAME

1945-1977

YEARS

MONTH NOVEMBER

1947* 1947* 1946 *8*61 1952 1950 957 1975 1952 1947 1964 1958 1964 846 946 1947 196 1967 1947 1941 0.0 0.6 3.3 2.8 3,3 3:3 -1.1 EXTREME MINIMUM TEMP 30 801 AVERAGE 46.0 49.4 48.0 46.9 1950* 1976* 1976 1961 1969 1969 1966 1966 1980 1989 1989 1955 1955 1969 6561 26.1 22.2 23.3 22.2 EXTREME MAXIMUM TEMP 75 00 200 19.9 19.3 10.0 6.4.6.9 17.8 7.6 16.4 7.4 16.2 AVERAGE 62:9 0.49 61.9 66.3 67.4 67.4 67.4 66.6 63.6 62.2 62.3 61.8 65.9 19.6 14.4 +++ 14.5 9:11 4.1 2.7 12:1 *** 11.8 12.8 MEAN TEMP AVERAGE 95.0 53.7 54.1 54.2 53.4 53.1 Monthly

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ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME MOFFETT FIELDS CA

23244 STATION

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1945-1977

YEARS

DECEMBER

MONTH

		E	•		9	8#	2		1	-	-	2	2		**	•		0	9	2		*1					2	.2.			**	*6	-	*6
		DATE	1976	1941	1976	1968	1972	1947	194	1951	195	1972	1972	194	194	194	194	1963	1965	196	194	561	194	104	194	194	1961	951	197	1960	1955	194	1961	194
Ь	1E	ွ	1.1	0.0	101	1.7	9.0	1.1	1.1	-0.6	2020	-1.	-1.7	-2.8		9.2-	101-	9.0	-101	1010	•0•0	000	9.2-		101-	-10	1010	900-	0.0	-101	-0.0	9.0	-lel	-2.8
MINIMUM TEMP	EXTREME	, F	35	35	34	35	33	96	36	16	82	62	62	12	62	12	30		62	30	16	26	12	62	9.0	62	96	16	35	30		33	06	7.2
MIL		၁့	4.0	200	**0	949	**0	201	2.0	906	100	5,3	211	5 . 3	6.5	205	20.1	543	200	200	2.6	242	210	219	200	100	049	513	2+3	5,3		4.5	300	946
	AVERAGE	٠,	43.0	42.7	43.5	43.9	43.5	42.3	43.2	42.0	111	41.6	42.3	6119	40.8	41.3	42.2	41.6	42.1	41.8	41.4	41.9	42.7	45.6	4108	43.0	8.24	41.6	41.0	41.0	40.5	1004	36.6	45.0
		DATE	626	958	926	958	666	975	1975	1975	1950	1958	958	958	1953	1962	1976	1975	1975+	.975#	6961	1969	1461	1964	1461	6961	1961	1961	1961	1961	1975	1958	1958	6961
		၁့	22.8 1	23.9	22.2	21.1	21.7 1	20.0	-	21.7 1	20.6	20.6	23.3	23.9 1	20.02		19.4	19.4	19.4	18.3	22.2	2404	20.6	18.9	20.0		22.2		23.9	22.2	20.0		20.0	24.4
MAXIMUM TEMP	EXTREME	.	73	75	72	70	1,	89	1,1	1,	69	69	*	75	89	89	67	67	67	69	72	9,	69	99	89	69	24	7.5	75	72	99	67	89	16
MAX		၁့	0	15.6	19.6	14.9	15.0	14.3	14.6	14.6	13,8	14.3	14.7	13.7	13.6	13.7	13.4	14.1	14.2	13.8	14.2	13.6	13.9	13.8	13,9	13.8	13.5	13.7	13,8	14.0	14.0	13.2	12,7	14.1
	AVERAGE	, F	8.0	6000		58.9	29.0	57.7	58.3	58.2	56.9	57.8	58.4	56.6	56.4	9005	56.2	57.3	57.5	56.8	57.5	56.5	57.0	56.9	57.0	56.8	56.3	56.7	50.8	57.2	57.2	55.8	54.8	57.4
		0	11.2	6.0	11.0	8.01	1001	0.0	4.0	10.1	4.6	9.8	10.2	9.5	9.2	4.6	9.6	7.6	0.0	9.6	1.0	9.6	6.6	6.6	7.6	6.6	9.7	6.5	9.6	7.0	9.3	8.9	8.2	9.6
MEAN TEMP	AVERAGE	č	1.2	9.		**	.2	0.0	-	50.1	0.0	1.0	10.3	100	9.	6.1	1.2	***	8.8	5.3	69	200	8.8	8.	•••	6.0	5.64	49.1	19.2	1.4	8.8	0.8	8.8	1.0
2			52	3	3	5	5	30	3	30	6.0	-	36	-	3	-		*	-	6.0	6.0		-	•	69	63	•	•	-	•	-	84	*	•
		DAY	-	2	3	4	2	9	1	80	6	10	=	12	13	14	15	16	11	181	19	20	21	22	23	24	25	36	27	38	82	30	31	Monthly

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*ALSO ON EARLIER YEARS

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EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

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MOPPETT PIELDS CALIFORNIA

WHOLE DEGREES PAHREMHEIT 45-77

ALL		95	95	66	96	96		69	66	69	06	66	95	95	68	104	102	92	16	63	88	*6	66	96	06	0	105	101	66	*6			
DEC.	89	**	10	62	89	60	69	40	10	63	40	68	69	73	73	90	69	68	86	67	90	6.00	75	69	16	69	10	89	68	99			1
NOV.	63	69	89	73	6	83	18	75	11	72	200	19	20	13	80	10	44	85	70	11	10	8	87	7.1	10	72	13	89	12	7.			1
OCT.	63	81	98	98	88	83	98	65	98	87	63	78	2	06	68	40	96	80	4	80	29	8	89	99	82	92	93	9	10	98			
SEP.	16	93	95	5	63	93	96	66	63	63	06	88	68	60	2	06	63		68	63	78	*6	63	63	87	06	103	85	06	*			
AUG.	8 9	95	06	•	90	16	81	88	**	90	98	81	60	9	88	82	88	26		6	8	**	83	96	98	**	65	000	83	88			
JUL.	84	85	83	92	85	88	98	06	8.1	66	C	84	84	11	96	88	26	75	16	8 8	78	87	82	90	8	5	86	101	06	98			
J.	36	9.0	68	63	96	5	6	82	63	0	0	6	92		93	104	102	0	90	68	78	*	19	88	88	63	00	5	66	8			
MAY	17	87	91	73	88	88	63	00	88	67	98	69	83	90	83	79	73	20	80	10	44	81	98	78	06	92	73	88	06	68			
APR.	83	98	98	78	9.6	**	7.	80	12	69	.,	7	98	78	82	69		20	72	:	87	18	62		70	20	16		08	98			
MAR.	7.	76	13	74	69	78	78	92	78	72	78	70	7.1	65	78	7.8	73	99	69	1,	73	8	69	77	63	9.1	72	82	99	73			
12		69	1.	3	99	3	89	62	2	73	6.2	3	69	69	6.0	6.5	3	3	73	2	72	67	96	2	72	=	72	3	72	98			
JAN.		61	63	2	90	20		**	70	*	09	62	09	67	67	61	89	34	69	62	63	3	99	72	67	*	67	99	99	11			
YEAR	45	**	4.0	84	67	90	51	52	93	34	55	36	57	98	99	00	61	29	63	**	65	90	67	89	69	20	11	72	73	7.	MEAN	S. D.	

NAVWEASERVCOM















5723 Extreme Values Jan 1969

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EXTREME VALUES

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FAIRENIE	
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DEGREES	
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45-77

MOFFETT FIELD, CALIFORNIA STATION NAME

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ALL	101	700					95.3	4.359	11963
DEC.	25	8					10/0	4.114	1023
NOV.	80						13.4	2.400	066
OCT.	* m	S					9969	3.650	1023
SEP.	86	•			- 10-00-0		1116	4.873	066
AUG.	58	100					40.08	4.656	1023
Ę.	20 CB	\$					80.8	2.470	1023
JON.	104	24					6468	0.040	066
MAY	103	0					0.50	048.	1023
APR.	22						19.6	2.916	066
MAR.	75	2					14.4	£08.4	1023
. FB.	32	2					1.69	3.747	06
JAN.	22	9					9999	4.257	196
WEAR	22	•				5.	MEAN	S. D.	TOTAL OBS.

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EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

45-77 MOFFETT FIELDS CALIFORNIA

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JAN. FEB. MAR. APR.	90								MEAN	
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SEP.										
OCT.										
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NAVWEASERVCOM

Extreme Values Jan 1969

MOPPETT PIELDS CALIFORNIA

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45-77

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EXTREME VALUES

MINIMUM TEMPERATURE

WHOLE DEGREES FAHRENHEIT

ALL		50	12	58		22		20	26	35	62	30	30	30	35	28	30	30	12	23	62	30	93	30	33	33	9.0	62	33	33			
DEC.	27	31	52	53	27	37	82	38	33	35	16	30	33	36	35	34	34	30	35	33	52	30	33	30	36	34	34	53	30	34			
NON.	37	~	52	3.	0.	24	38	33	040	20	30	33	35	30	36	200	3.6	0	200	36	36	37	38	15	37	45	0	4.	33	40			
OCT.	1 0	6	0.0	38	33	+	24	4.7	04	•	6.5	39	05	48	20	*	04	9,	6 9	47	40	60	8.5	94	63	45	39	42	84				
SEP.	E .	7	45	45	84	42	8.4	5	64	4	Eb	64	3	4	64	48	64	64	34	4	848	64	33	20	55	4.7	43	64	24	34			
AUG.		44		20		64	25	21	64	47	4.3	40	20	53	51	20	35	25	64	5	24	20	36	34	30	20	23	25	16	55			
JUL.	53	0.4	20 \$	94	47	64	0 8	64	3	25	43	54	3	35	31	51	16	20	20	51	2	25	20	25	20	20	53	23	3	46			
NO.	6.5	4.7	6.5	46	43	•	4.5	**	63	4.1	6.9	43	640	51	63	5.	20	4.5	4.1	64	04	4.5	94	30	55	20	94	45	20	51			
MAY	44	**	63	00	39	200	**	36	4	42		**	43	43	24	45	43	43	64	45	64	47	24	24	20	45	99	**	55	43			
APR.	35	37	04	34	38	39	30	30	30	42	33	38	42	38	24	80 60	39	4.1	38	0,	38	40	33	42	43	04	00	*		04			
MAR.	67	3.5	36	5	39	25	30	36	25	33	32	28	36	37	39	38	37	38	36	36	14	23	37	42	36	4.1	34	60	0.	34			
£		97	33	28	28	97	32	36	34	35	32	32	32	39	35	37	37	30	**	37	37	36	37	38	34	4.1	38	33	0	34			
JAN.						22		88	37	32	58	33	30	34	32	28	90	30	27	34	30	30	35	31	33	33	33	35	33	33			
YEAR	45	46	4.4	94	64	20	16	52	53	**	56	36	27	38	30	09	10	29	63	40	65	99	10	99	60	10	14	72	7.3	74	MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

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EXTREME VALUES

MINIMUM TEMPERATURE

WHOLE DEGREES FAHRENHEIT

ALL	32	33						*	30.5	2.627	11932
DEC.	35	38							32.6	3.304	1023
NOV.	33	35							3005	3.507	066
OCT.	-:	8				4			42.8	4.07	1023
SEP.	5 4 5	64							6.84	3.041	066
AUG.	0 80	96							51.0	2.508	266
JUL.	55	15							50.3	2.594	1023
J.	e .								41.03	2.540	066
MAY	4 4	45							45.0	2.417	1023
APR.	3.0	14							39.1	2.882	066
MAR.	38	33							36.1	2.968	1023
Ę	38	36							34.8	4.197	406
JAN.	0.6	33		1					30.	3.531	196
WEAR	75	+							MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

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MOFFETT FIELD, CALIFORNIA

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EXTREME VALUES

MINIMUN TEMPERATURE (FROM DAILY OSSERVATIONS)

VEASED ON LESS THAN FULL MONTHS! MOFFETT PIELDS CALIFORNIA STATION NAME

SEP. OCT. NOV. DEC.		DAYS DAYS										
AUG.	28											
JU.												
JUN.												
MAY												
AR.												
MAR.												
5								1				
JAN.		302										
YEAR	;	7								MEAN	S. D.	The second secon

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THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.

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Note																			PAGE	1.5
0 1 1 2 3 4 5 5 6 7 6 9 10 11 12 13 -14 13 - 16 17 - 16 12 12 - 12 12 - 12 12 - 12 12	9						WE		EMPERA	TURE DE	PRESSION	(F)					TOTAL		TOTAL	
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4.322.728.219.311.8 7.2 3.2 2.0 1.1 .2 .1 4.322.728.219.311.8 7.2 3.2 2.0 1.1 .2 .1 4.322.728.219.311.8 7.2 3.2 2.0 1.1 .2 .1 2.240 2.258.219.311.8 7.2 3.2 2.0 1.1 .2 .1 4.322.728.219.311.8 7.2 3.2 2.0 1.1 .2 .1 2.258.219.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.219.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.219.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.210.2 1.2 3.2 2.0 1.1 .2 .2 .1 2.258.210.2 1.2 3.2 2.0 1.1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	33	STALL STALL	2.																	
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2556138 55854 45.0 5.701 1240 10.2 No. 28	_	4.32	2.72	8.21	9.3	80	7	~	0	7		-						124		1240
Σχ² Σχ ∇χ No. Obs. Mean No. of Hours with Temperature 6499517 67313 70.4 16.842 1240 sor sor sor sor 3148863 61835 49.9 7.263 1240 1.8 6.6 3 2556138 55854 45.0 5.701 1240 10.2 .																	124			
6499517 87313 70.4 16.842 1240 sor sszr zszr	(X) #	7	ex.		7	×	×		, x		o. Obs.				Mean No.		with Tempe	rature		
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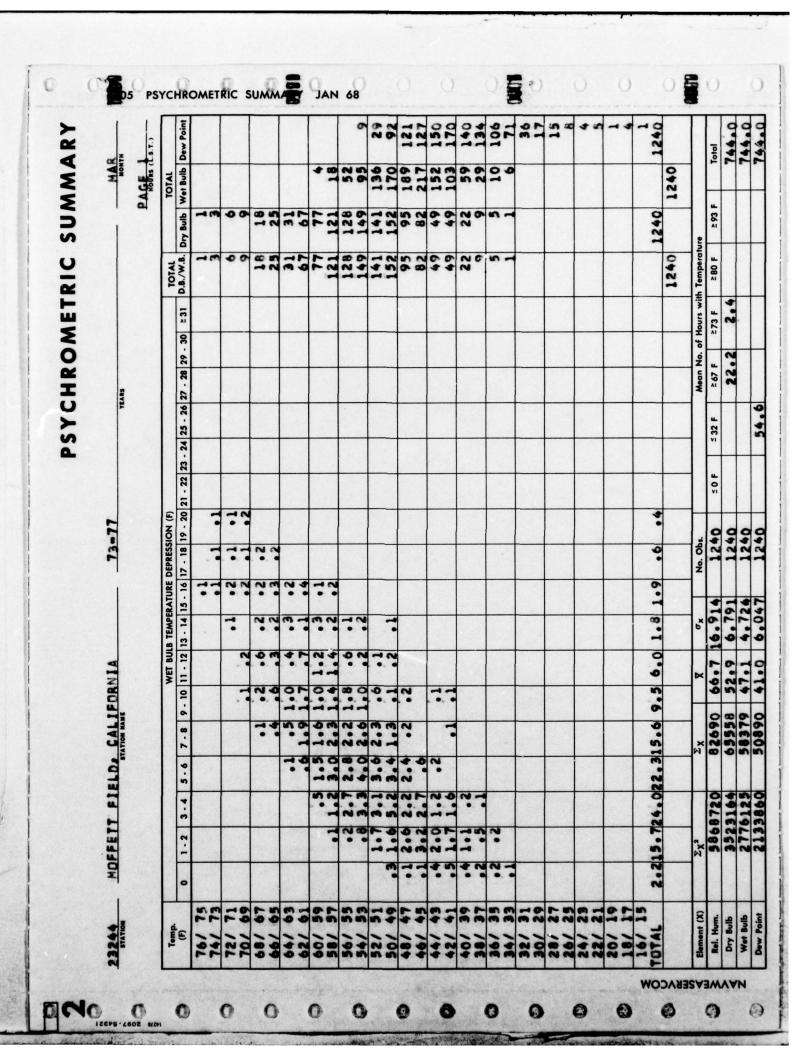
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YEARS

MOFFETT FIELD, CALIFORNIA

12E48 - 7605 815H

mp.	(F) 0 1-2 3.	16 /26		84/ 83		12	. 75	73	1	69	0.	60	69	. 3.3	56 .2 3.5	27	9.6	601 20 66				6.5	66 /04	23 33	OTAL 1.617.420.218.913.511		Element (X) Σ_{X^2}	Rel. Hum. 6408291	Dry Bulb 531936
	4 5.6						7.		.2		6 1.9			100	24.27			100							218.91				
	7 - 8 9 .							.41		-	3.8 1			9.	.2	.2	.2	-							13.511		× ×	87025	10759
WEI	- 10 11 -				1	•			1.3 2.	-	11.00	60	m.	•											.7 9.			70.2	6.5.1
BULB IEMPERATURE DEPRESSION (F)	12 13 - 14 15 - 16 17 - 18 19 - 20 21	7		:		4.1	1				1.	2		-				-						-	0.3.7		×	15	-
ERAIURE	15 - 16					• •				•	•														1.9			80	30
DEFRESSIV	17 - 18 1			~	•			:-																	1.0		No. Obs.	1240	1940
(1)	9 - 20 21	:	7.		7		-					1		1		1		1									\dashv	0	
	- 22 23	7.	7		+		H			1		-		1				1						1	2		1	≤ 0 F	
	- 24	2.			+							-															-	≤ 32 F	
	25 - 26 27 - 28				+							-											-				Mean	F ≥67 F	200 A
	. 28 29 . 30																										Mean No. of H	A1	
	= 31 D																										ours with	≥73 F	0.801
TOTAL	D.B./W.B.	6-1	~ "	00	13	25	38	99	98	98	108	123	124	149	145	103	69	31	9-	-	•			1		1240	of Hours with Temperature	≥80 F	
	ry Bulb	2	~	00	13	5.5	38	99	96	96	108	123	124	149	145	103	69	31	9-	-	•			1	1240			≥ 93 F	
IOIAL	Dry Bulb Wet Bulb Dew Point				1				-	7	12	47	136	167	272	233	198	88	4 .	200	•					1240		-	
	bew Poin											2		20	105	220	255	304	186	200	200	=	9 6	7	1240			Total	344

	12	Dew Point							-	mo	194	258	233	200	17	11	90	1240		-
AUG	PAGE 1 HOURS (L.S.T.)	TOTAL Wet Bulb De	-				-		90	52	244	237	200	0 0					1240	Total
	4	To Dry Bulb We		~ ~	2	910	26	73	124	136			0 -					1240		≥93 F
		TOTAL D.B./W.B. Dr		- 7-	w 5	16	37	73	124	136	176	73	· ·	1					of Hours with Temperature	≥ 80 F
		z31 D.																	4	273 F
		29 - 30																		- 27
YEARS		27 - 28 2			7													7	N cow	267 F
J.		25 - 26																		≤ 32 F
		. 22 23 . 24	-	-		=	~											5.		-
		2		•			•						-	9					_	10 A
73-77		ESSION (-	•					-	-								0	ż	1240
-		URE DEPR	*		70	10 4	10	2	2-	-								2.1 1.		Ž
		LB TEMPERATURE DEPRESSION (F)				w 4	7	0.0			:							7.	9	
IA		WET BULB TEMPERATURE DEPRESSION (F)			7	~ ~		4 8	1 2 0	4.0								8.4	b	51 0
FORN		W 01 . 9					100000000000000000000000000000000000000	Mark River	2.7		the same of the sa									69
CALI		7.8					-	28	00	9.0	- 10							16.11		85573
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14 1		3.4							0.	0 5/08/8/20	3.0	1						916.6		6201101
MOFFETT FIELD, CALIFORNIA		1.3									6.3	1000	*					.217.9	Σ.2	620
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23244		Temp.						-	-	-	-		-	50/ 4	33		STATE OF STATE OF	14		Rel. Hum.

MOFFETT FIELD, CALIFORNIA

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Temp.					The second second		WEI D	JLB TEM	WET BULB TEMPERATURE DEPRESSION (F)	C DELAL	SSION (F)							TOTAL		TOTAL	
(F)	0	1.2	3 - 4	5.6	7 - 8	9 - 10	11 - 12	13 - 1.	1 15 - 16	5 17 - 18	9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Dry Bulb Wet Bulb Dew Poin	Dew Po
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								•	2 .1	•			1					11	11		
80/ 79							.3				3 .1							17			
						. 2		. 5										22			
					.2					23								32	32		
			-		• 2	MA	2		3 .2									58			
200				9.	1.5	7	1											73			
						1	1.0	_										87	87	2	
						3		•	1									119	1		
		. 7	2.7			-	.2											123	123		
-		1.3	3.0	5.3														144		123	13
		2.7	3.1															136	136		
-	.3	4.2	4.2															145			~
	*	3.6	1.5	. 8														100	100		-
56/ 35	1.2	3.5	•															99	49	219	250
	80	1.4																27	27	98	268
52/ 51	.2																	12	12	24	187
-	7.																	1	1	3	5
48/ 47					*																4
42/ 41																					
40/ 39																					
OTAL	3.22	220 - 116		220.1	114.1	11.0	7.4	2.	9 1.7	1.0	6. 0	5.	9.	.2	.2	.2	-	1200	1200	1200	1200
Element (X)		Σ_{X^2}			2x		×	σ×	,	No. Obs.	bs.				Mean	No. of Ho	urs with	Mean No. of Hours with Temperature	ture		
Rel. Hum.		639597	9469		8528	9	71.1	16.	401.9	12	1200	≥ 0 F		≤ 32 F	≥ 67 F		≥73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		5141			7807	00	65.1	7.	7.134	12	1200				268.8		101.4	28.	8	1.8	720.0
Wet Bulb		4162	1133		7054	1	58.8	3.	3.588	12	1200				13	8					720.0
Dew Point		2574	800		4634	7	8 Y		728		1000					4					2000

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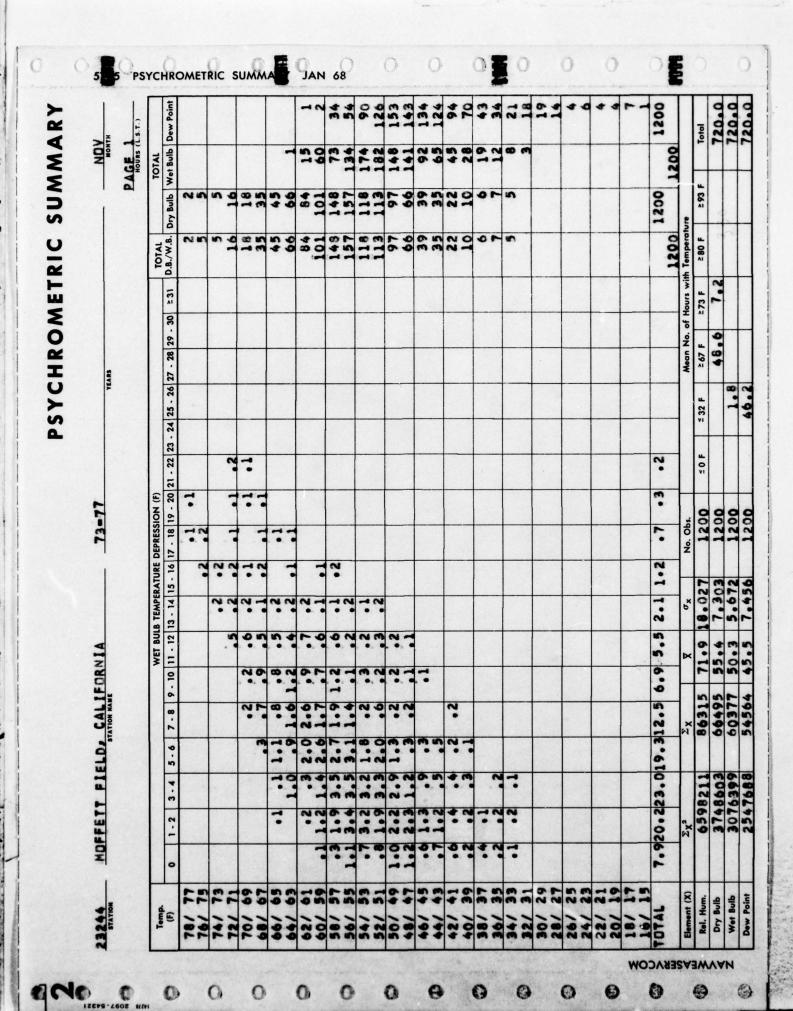
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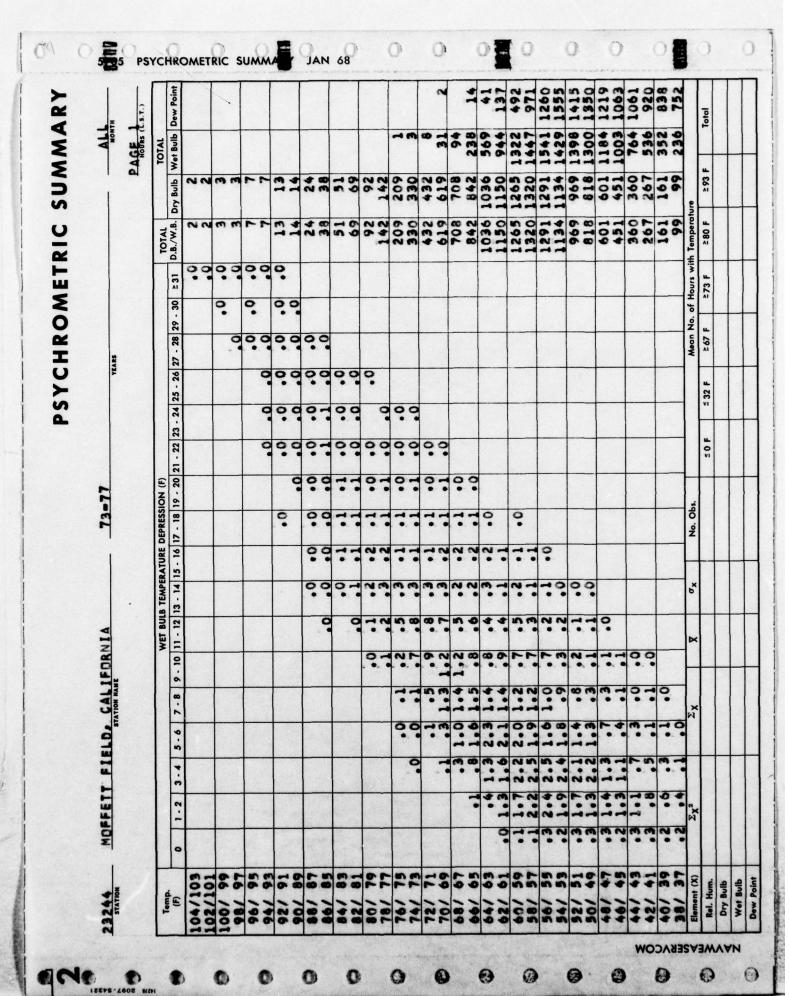
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	. Let		Dew Point				•	-	22	36	0	155	165	145	97	0 0	80	19	36	13	11	7.	1	1240			Total	744.0	
DEC	PAGE 1.S.T.)	TOTAL	Wet Bulb					26	52	66	000	100	134	111	9!	20	37	23	9						1240		H		-
	al		Dry Bulb	44	12	56	1 24	95	125	153	100	119	75	88	4	240	. 0	•	-					1240		₈	≥ 93 F		
		TOTAL	D.B./W.B.	44	12	56	40	98	125	153	161	119	75	88	4	24	10	9	-						1240	Hours with Temperature	≥ 80 F		
			≥31																							lours wit	≥73 F		
			29 - 30																							Mean No. of 1		8.	1
	YEARS		26 27 - 28													,							1			Mear	₹ 79 €	4	
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			22 23 .		-											1						-	+			H	\$ 0 F		-
1		(3)	. 20 21 -		-			+			+											+	+	•			-		
73-77		TEMPERATURE DEPRESSION (F)	. 14 15 - 16 17 - 18 19 - 20 21 -	7.							+					+						+	+	.2		- S	1240	1240	
		ATURE DE	5 - 16 17			.2										+							1	.2				7	
			13 - 14 1	7	7	6	• •	200			-													1.8		o x	17.090	6.82	
MIM		WET BULB	11 - 12	~.			•	1																3.9		>	4.5	51.1	1
1FOR	ij		9 - 10				30,1		-			7		.1										5 5.2			+	+	1
CAL	STATION N		6 7.8			100.11	1:5	10 R-400		DEVISE N	2000		A STATE OF THE STA	02 117	1 .4		-					-				Z.	92386	633	
MOFFETT FIELD, CALIFORNIA			4 5-6		-	3070	00				200		3 1000	535.3	W. C	200								.014.6		\Box	80	98	
ETT			.2 3.		-		m u	23 63.52		0	*	0 4		1.		790	- 00	100	5 (0)			+		.030.628			2451	3296886	
MOPF			0						-	.2 2		0 4			1.01	100	9.0	=	1			-	1	6.030		NA SA	-	3	
		-		60	69	63	55	53	22	53	21	:5	6.5	43		600	35	33	31	23	52	212	61			8	-	95	-
23244	Втатю	Temp	(3)	70/	99	/99	62/		36	34	22/	23	104	141	45/	9	196	34	32/	30	192	722	707	TOTAL		Flormant (X)	Ref. Hum.	Dry Bulb	



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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

73-77

HOFFETT FIELD, CALIFORNIA

23244

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HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS	\$6.2 \$.609 155	48.6	49.3	\$1.4 4.638 150	55.0 4.927	5.449	59.6 3.545	61.5 3.161 155	3.962	57.3 4.061	51.4	47.6 5.919 155	94.0 7.074
*	MEAN S. D. TOTAL OBS	1,5	5.078	5.068	4.712	52.9 4.976 155	57.3	3.715	59.9 3.221	3,991	55.3 4.181 155	49.8 5.706 150	46.2 6.314 155	52.3 7.243 1826
0.7	S. D. TOTAL OBS	43.9	5.567	5.192	\$1.0	56.4	60.0	3.370	3.059	3.945	55.3 4.087	48.8 6.099	45.5	53.1 6.246 1025
10	S. D. TOTAL OBS	50.1 5.258	53.2 4.341	54.9 4.661	59.6	5.962	7.389	67.6	3.967	5.398	4.638	\$7.4 4.920 150	51.9 4.794 155	6.312
13	S. D. TOTAL OBS	55.9	58.5 5.121 141	59.1 5.657 155	64.8	7.364	72.5	72.4 5.545	73.1 5.305	72.7 6.603	70.5 6.522 199	62.5 5.429 150	57.4 4.324 155	65.7
21	S. D. TOTAL OBS	57.1 5.590 155	59.3	59.6	65.3	7.691	72.5	72.9	73.3	72.3 6.706 150	69.8	62.5 5.992 150	57.8 4.187	65.9
10	S. D. TOTAL OBS	92.1 4.963 155	54.2 4.250 141	54.2	58.3	61.7	7.252	67.5	3.968	5.017	63.1	57.3 4.692	52.9 3.735 155	7.580
22	S. D. TOTAL OBS	48.8 5.194	4.201	\$1.4	54.2	5.551	61.1	62.1 4.052	63.0 3.388	62.6 4.572 150	4.132	4.835	49.5	7.000
ALL	S. D. TOTAL OBS	7.263	52.3 6.755	52.9	56.7 8.081	60.6 8.333	8.954	65.1	65.9	7.134	7.550	7.303	51.1 6.828 1240	9.419

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

MOFFETT FIELD, CALIFORNIA

23244

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HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	J. J. P.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS	42.9 5.309 155	**	45.4	3.952	24	55.1 4.482 150	w w	57.6 2.939 155	56.9 2.787 150	n w	5.170	410	50.4
8	MEAN S. D. TOTAL OBS	\$1.9 5.854 159	44.1	44.1	45.4	\$0.1 4.358	53.9 4.294 150	55.3 3.060 155	56.3 3.091	56.1 2.991 150	3.845	47.1 9.482 150	43.8 5.939 155	49.2 6.831 1826
10	MEAN S. D. TOTAL OBS	41.5 6.025 159	43.3 5.210 140	4.503	3.940	52.6 4.317 155	56.1	57.3 2.697 155	3.037	56.8 2.909 150	53.0 3.920 155	46.6 5.797	43.5 6.268 155	7.500
10	S. D. TOTAL OBS	45.9	46.1	48.3	3.966	55.2 4.124 155	58.7 4.505	2.905	2.883	3.195	3.603	52.0 4.732 150	4.811	53.8 6.981 1826
2	S. D. TOTAL OBS	48.0	50.0	3.909	52.9 4.100	57.2 4.061 155	60.6 4.175	61.9 2.670 155	62.1 2.971 155	61.5	3.538	\$3.6 4.732 150	50.2 4.069 155	55.6
9.	S. D. TOTAL OBS	48.8	\$0.4 4.142	\$0.2 4.186	53.3 4.573	57.0 4.585 155	4.761	62.2 2.813 155	62.3 3.008 155	61.8	3.067 3.067 159	\$3.7 4.630	3.799	55.9
01	MEAN S. D. TOTAL OBS	40.0	3.906	4.052	50.2 3.976 150	54.0	58.0	59.6 2.819 155	3.051	59.4 3.034 150	57.0 3.696 135	\$1.7 4.570	48.3	53.4 6.312 1826
22	S. D. TOTAL OBS	44.6	46.7	46.7 3.996 155	3.804	52.3 4.455 155	55.8 4.838 150	57.4 2.941 155	2.827	2.849	3.502	49.6	46.1 5.129	51.6 6.399 1826
ALL	S. D. TOTAL OBS	5.702	47.0 5.046	47.1	49.4	53.7 4.967	5,136	3.706	3.604	3.568	4.478	5.673	5.640	7.072

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

23244 STATION	1	MOFFETT FIELDS C.	IELD.	CALIFORNIA STATION NAME	4 INI		73-77	11		YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
6	S. D. TOTAL OBS	39.0 6.67]	40		42.4 5.589 150	48.2	52.2	3.391	4.049	3,430	4.913	7.124	41.7 7.350 155	7.894
8	S. D. TOTAL OBS	38.5	40.7 6.290 141	40.2 5.495 159	41.4	4.730	51.3	53.4	53.6 4.252	53.6	4.866	6.992	41.3 7.213 155	46.3 7.858 1826
6	S. D. TOTAL OBS	7.104	40.2 6.332 140	41.0 5.458	5.401	49.3	52.6	54.7 3.277	55.1 4.276	3.417	5.015	7.048	13.5	47.2 8.225 1825
2	S. D. TOTAL OBS	41.5	42.8 6.726	41.5	42.3	5.892	52.0	3.640	54.6 4.304	4.079	52.4	7.509	6.947	7.937
13	S. D. TOTAL OBS	39.6	7.485	40.4 6.754 159	41.5	47.6 5.945 155	52.1 6.013	3.161	54.8 4.577	4.150	50.1	45.4 8.276 150	42.8 7.743	47.1 6.588 1826
2	S. D. TOTAL OBS	39.9	41.4	40.6 6.850 155	7.329	47.7	52.3 6.621 150	55.1 3.583 155	54.9 4.501	3.904	51.1	45.7 8.176 150	42.9 7.312 155	47.4
2	S. D. TOTAL OBS	40.7	42.5 6.527 141	41.7 5.828 155	42.3	47.3 6.243 155	51.5	54.1 4.212 155	54.4 4.727	3.446	52.3 4.829 155	46.6 6.834	43.4	7.053
22	S. D. TOTAL OBS	40.0	6.340	9.688	5.497	48.0 5.549 155	51.8	53.9 3.909 155	54.6 4.206	3.566	51.8	45.6	42.2 7.310 155	7.803
ALL	S. D. TOTAL OBS	39.7	41.5 6.687 1125	41.0 6.048 1240	42.3 6.278 1200	5.605	52.0	3.610	54.6	3.725	5.332	1.457	7.320	47.3 8.118 14605

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
JAN	10	100.0	=	0.001 0.00	4.66	96.8	85.8	72.3	40.0	11.6	76.8	155
	8	100.0 10	100.0	100.0	4.66	84.8	99.4	78.1	55.5	18.7	79.7	155
	10	100.0 1	100.0	0.001 0.00	4.66	97.4	8.46	85.8	9.09	25.2	82.1	155
	91	100.0	100.0	100.0	97.4	91.6	83.2	65.8	31.6	12,3	74.1	159
	13	100.0	100.0	95.5	81.3	65.8	40.0	9.02	4.5	1.9	56.7	159
7	91	100.0	100.0	92.3	61.9	62.6	31.6	15.5	6.9	9.	54.9	155
	19	100.0 10	100.0	0.001 0.00	8.96	86.5	70,3	42.6	12.3	1.3	4.99	155
	22	100.0	100.0	100.0	99.4	95.5	83.9	58.7	25.2	4.5	72.6	155
	/											
OT	TOTALS	100.0	100.0	98.5	94.4	86.4	72.3	84.9	29.8	9.5	70.4	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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- TANON	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
	(LS.T.)	%OI	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
FEB	16	100.0	100.0	0.001 0.00	98.6	95.0	9006	67.6	38.8	19.4	76.8	139
	8	100.0	100.0 100.0 100.0	100.0	99.3	97.2	92.2	17.3	48.9	22.7	79.4	141
	07	100.0	100.0 100.0 100.0	100.0	98.6	97.1	99.0	78.6	55.7	28.6	81.7	140
	9	100.01	100.0	98.6	95.7	90.8	69.5	47.5	27.0	13.5	69.8	141
	13	100.001	100.0	92.2	79.4	59.6	36.2	15.6	8.5	2.8	55.4	141
	•	100.0	99.3	95.0	79.4	\$3.2	33.3	17.7	5.0	3,5	54.0	•
	61	100.0	99.3	98.6	97.2	83.7	69.8	37.6	17.0	5.7	4.99	*
	22	100.0	100.0	98.6	97.9	92.9	80.1	\$7.4	7.72	12.8	72.5	*
		9	j			i i						
.OT	TOTALS	100.0	99.8	97.9	93.3	83.7	70.8	6.69	28.6	13.6	69.5	1125

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	Sallon			PERCENTAC	SE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GREA	ATER THAN			MEAN	NO. OF
MONTH	(LS.T.)	%OL	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	088.
MAR	10	100.0	100.0	0.001 0.00	98.1	98.1	87.1	4.89	27.7	12.9	74.8	155
	8	100.0	100.0	100.0	99.4	96.8	2.46	11.0	36.1	10.1	77.0	155
	0.7	100.0	100.0	0.001 0.00	99.4	90.96	93.5	83.2	51.0	25.2	80.5	155
	9	100.0	100.0	97.4	92.3	81.3	58.7	7.62	7.1	2.6	9.29	155
	13	100.0	4.66	92.3	75.5	54.2	27.1	12.3	5.2	•	\$2.4	155
	91	100.0	4.66	90.3	76.1	56.8	21.9	11.0	3.2		\$1.6	155
	19	100.0	100.0	100.0	96.8	86.5	58.1	7.73	4.8	1.9	63.8	155
	22	100.0	100.0	98.7	98.1	96.1	84.5	47.7	22.6	3.2	70.7	155
												1
				200 ,,					- 10			
5	TOTALS	100.0	99.9	97.3	92.0	83.3	65.6	43.9	20.2	7.8	66.7	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
MONIE	(L.S.T.)	10%	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
APR	10	100.01	100.0	99.3	97.3	92.0	83.3	62.7	28.7	6.7	72.7	150
	*	100.01	100.0	100.0	98.0	94.0	84.7	70.7	40.0	20.0	76.4	150
	07	100.0	100.0	0.001 0.00	0.86	95.3	87.3	70.7	40.0	14.7	76.6	150
	91	100.0	49.7	93.3	83.3	68.0	37.3	10.0	2.7		55.0	150
	13	100.0	0.46	80.0	0.40	37.3	16.0	4.0	1.3		45.6	150
	16	100.0	93.3	65.3	64.7	38.0	11.3	3.3	2.0		45,3	150
	61	100.0	6.66	0.46	87.3	72.7	44.0	16.7	2.7		57.3	150
	22	100.0	100.0	7.86	7.76	89.3	74.7	48.7	11.3	2.0	4.79	150
DT.	TOTALS	100.0	98.2	93.8	85.9	73.3	54.8	35.9	16.1	5.4	62.0	1200

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTE	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	NOTAL
	(LS.T.)	10%	20%	30%	40%	20%	%09	%02	%08	%06	HUMIDITY	OBS.
MAY	10	100.0	100.0	0.00 100.0 100.0	100.0	97.4	8.46	83.2	50.3	7.7	78.8	155
	40	100.0	100.0	100.0	4.66	99.4	96.8	6.06	58.1	18.1	82.5	155
	10	100.01	100.0	0.001 0.001 0.00	100.0	98.1	94.2	82.6	35.5	7.1	77.6	155
	10	100.0	98.1	96.8	2.46	4.77	41.3	6.5			56.8	155
	13	100.0	95.5	91.6	78.7	47.7	15.5	1.3			48.5	155
	16	4.66	97.4	93.5	80.0	48.4	16.8	3.9	2.6	•	49.5	155
	19	100.0	100.0	98.1	91,6	80.0	50.3	21.9	6.9	•	8.09	155
	22	100.0	100.0	4.66	7.86	94.2	84.5	61.9	21.9	3.9	72.2	159
TOT	TOTALS	6.66	98.9	97.4	92.8	60.3	61.8	44.0	6.15	4.8	8.69	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	-	150	150	150	150	150	150	150	150		
MEAN	HUMIDITY	79.4	81.5	76.3	59.5	51.8	51.8	4.00	73.0		
	%06	12.7	20.7	0.0					4.7		
	80%	52.7	60.7	39.3	1.3			5,3	33.3		
ATER THAN	20%	64.7	89.3	72.0	14.0	2.7	4.0	23.3	62.0		
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	93.3	7.96	92.7	55.3	30.0	24.7	52.7	82.7		
OF RELATIVE	20%	98.0	97.3	96.0	76.0	62.7	59.3	75.3	93.3		
SE FREQUENCY	40%	98.7	98.7	98.0	94.0	84.0	82.7	98.0	97.3		
PERCENTAC	30%	99.3	99.3	99.3	7.96	0.06	0.00	0.96	99.3		
	20%	100.0	100.0	100.0	0.86	94.7	96.7	100.0	100.0		
	10%	100.0	100.0	100.0	100.0	99.3	100.0	100.0	100.0		
HOURS	(LS.T.)	10	40	07	10	13	16	19	22		
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

N TOTAL	-	2 155	4 155	9 155	6 155	4 155	7 155	6 155	7 155	
MEAN	HUMIDITY	82.2	85.4	80.9	63.6	55.4	54.7	93.6	75.7	
	%06	15.5	30.3	14.8	9.	9.		•	5.5	
	%08	63.2	73.5	55.5	3.2	1.3	9.	7.1	38.7	
ATER THAN	%02	89.7	91.6	81.9	26.5	4.5	3.2	5.92	72.3	
HUMIDITY GRE	%09	97.4	98.7	98.1	62.6	34.2	28.4	62.6	91.0	
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	20%	100.0	100.0	99.4	90.3	71.0	65.2	86.5	94.8	
GE FREQUENC	40%	100.0	100.0	100.0	4.66	1.68	92.3	96.1	7.86	
PERCENTA	30%	100.0	100.0	100.0 100.0	100.0	98.7	7.86	98.7	100.0	
	20%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
HOURS	(LS.T.)	10	40	07	10	13	16	10	22	
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	159	159	1240
MEAN	HUMIDITY	78.7	80.6	80.7	63.3	54.2	54.0	45.4	75.1	0.60
	%06	7.7	15.5	14.2	•	•			4.5	4.5
	80%	52.9	59.4	58.7	4.5	9.	•	12.9	0.04	28.7
ATER THAN	20%	78.1	79.4	79.4	23.2	1.9	3.9	36.1	61.9	45.5
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	94.2	94.8	95.5	61.3	31.0	33.5	67.1	99.0	70.8
OF RELATIVE	20%	98.7	98.1	98.7	98.4	48.4	59.4	88.4	4.7.4	87.2
GE FREQUENCY	40%	100.0	100.0	100.0	98.1	89.0	89.7	4.7.4	4.66	96.7
PERCENTA	30%		100.0		4.66	96.1	1.86	7.86	100.0	99.0
	20%	100.0 100.0 100.0	100.0	100.0 100.0 100.0	100.0	4.66	100.0	100.0	100.0	6.0
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0
HOURS	(L.S.T.)	10	*0	0.	91	13	91	19	22	TOTALS
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MOFFETT FIELD, CALIFORNIA STATION MANE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	150	150	150	150	150	150	150	150		
MEAN	HUMIDITY	80.5	82.1	83.1	66.7	54.1	56.3	69.2	76.5		:
	%06	20,02	26.7	29.3	1.3			2.7	12,7		
	%08	56.7	58.7	0.09	16.7	1.3	2.7	21.3	44.7		
ATER THAN	20%	76.7	82.7	83.3	34.7	0.8	12.7	47.3	0.07		
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	92.0	93.3	7.46	71.3	35.3	42.0	72.7	85.3		1
OF RELATIVE	%05	98.0	66.66	100.0	92.7	0.49	70.7	92.0	95.3		
GE FREQUENCY	40%	100.0	100.0		95.3	84.7	87.3	100.0	7.86		
PERCENTA	30%	100.0	100.0	100.0 100.0	0.86	93.3	96.0	100.0 100.0	100.0		
	20%	100.0	100.0	100.0	100.0	0.06	7.86	100.0	100.0		
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
HOURS	(LS.T.)	10	*	07	91	13	16	61	22		SII
MONTH		98									TOTALS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100.0 100.0 100.0 99.4 97.4 92.9 78.7 53.5 14.2	-	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
01 100.0 100.0 100.0 99.4 97.4 92.9 78.7 53.5 14.2 04 100.0 100.0 100.0 99.4 98.7 96.1 85.8 65.2 24.5 10 100.0 100.0 99.4 99.5 99.5 90.3 74.8 40.6 110 100.0 99.4 89.0 72.3 54.8 29.0 8.4 2.6 110 100.0 99.7 91.0 80.6 61.9 39.4 9.7 2.6 6 122 100.0 100.0 100.0 97.4 92.3 78.7 47.1 18.7 6.6 22 100.0 100.0 100.0 97.4 92.3 78.7 47.1 18.7 7.7 22 100.0 100.0 100.0 97.4 93.0 86.0 73.7 53.9 33.8 11.4	MOMIN	(LS.T.)	3/01	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
04 100.0 100.0 100.0 99.4 98.7 96.1 85.8 65.2 24.5 07 100.0 100.0 99.4 99.4 95.5 90.3 74.8 40.6 10 100.0 100.0 99.4 95.5 89.0 67.1 40.0 14.8 3.2 113 100.0 100.0 99.4 95.5 89.0 67.1 40.0 14.8 3.2 114 1100.0 100.0 97.4 92.3 78.7 47.1 18.7 .6 12 1100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 12 1100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7	100	10	100.0	2	100.0	4.66	97.4	92.9	78.7	53.5	14.2	79.8	155
10 100.0 100.0 99.4 99.4 95.5 90.3 74.8 40.6 10 100.0 100.0 99.4 95.5 89.0 67.1 40.0 14.8 3.2 13 100.0 99.4 89.0 72.3 54.8 29.0 8.4 2.6 16 100.0 100.0 100.0 97.4 92.3 78.7 47.1 18.7 .6 22 100.0 100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 100.0 99.8 97.4 93.0 86.0 73.7 \$3.9 33.8 11.4		*	100.0		100.0	4.66	98.7	96.1	85.8	65.2	24.5	83.0	155
10 100.0 100.0 99.4 95.5 89.0 67.1 40.0 14.8 3.2 13 100.0 99.4 89.0 72.3 54.8 29.0 8.4 2.6 16 100.0 100.0 100.0 97.4 92.3 78.7 47.1 18.7 .6 22 100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4		07	100.0	E	4.66	4.66	4.66	95.5	6003	74.8	40.0	86.5	155
13 100.0 99.4 89.0 72.3 54.8 29.0 8.4 2.6 16 100.0 98.7 91.0 80.6 61.9 39.4 9.7 2.6 i.6 19 100.0 100.0 100.0 97.4 92.3 78.7 47.1 18.7 i.6 22 100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4		10	100.0	9	4.66	95.5	89.0	67.1	40.0	14.8	3.2	+,00	155
16 100.0 98.7 91.0 80.6 61.9 39.4 9.7 2.6 .6 19 100.0 100.0 97.4 92.3 78.7 47.1 18.7 .6 22 100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 22 100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4		13	100.0	4.66	89.0	72.3	54.8	29.0	4.6	5.6		51.0	159
19 100.0 100.0 100.0 97.4 92.3 78.7 47.1 18.7 .6 22 100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4		97	100.0	98.7	91.0	80.6	619	39.4	7.6	2.6		53.9	188
22 100.0 100.0 100.0 94.8 91.0 71.0 38.1 7.7 100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4		19	100.0		100.0	97.4	92.3	78.7	47.1	18.7		1.60	159
100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4		22	100.0	9		100.0	94.8	91.0	71.0	38.1	7.7	75.7	155
100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4													
100.0 99.8 97.4 93.0 86.0 73.7 53.9 33.8 11.4													
	01	TALS	100.0	8.66	1	93.0	86.0	73.7	53.9	33.8	***	70.7	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(LS.T.)	%OI	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
NOV	10	100.0	100.0	99.3	97.3	95.3	91.3	80.0	48.0	24.0	79.7	150
	40	100.0	100.0	99.3	99.3	97.3	93.3	83.3	58.0	30.0	1.28	150
	07	100.0	100.0	66.3	98.7	7.86	0.96	0.88	1.99	35.3	85.0	150
	10	100.0	99.3	98.7	95,3	90.0	76.0	53.3	24.0	111.3	10.4	150
	13	100.0	99.3	7.46	1.08	63.3	38.7	20.0	4.0	1.3	56.0	150
	91	100.0	0.86	7.46	82.7	66.7	40.7	24.0	5.3	1.3	56.9	150
	13	100.0	100.0	99.3	97.3	89.3	72.0	0.04	22.0	4.0	0.69	150
	22	100.0	100.0	98.7	97.3	96.0	87.3	62.0	38.7	12.7	75.6	150
	Stanforder											
5	TOTALS	100.0	99.6	98.0	93.6	87.1	74.4	57.1	33.3	15.0	71.9	1200

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MOFFETT FIELD, CALIFORNIA 23244 STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE PARTY OF	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
HOME	(L.S.T.)	10%	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
DEC	10	100.0	300.4	4.66	97.4	96.1	92.9	98.4	64.5	19.4	81.5	155
	8	100.0	100.0	0.001 0.00	98.1	96.1	93.5	7.78	73.5	7.75	84.1	155
	07	100.0	100.0	40.66	98.7	97.4	94.2	1.68	76.8	41.9	85.6	155
	97	100.0	100.0	7.86	98.1	94.2	89.0	67.7	36.8	13.5	75.9	155
	13	100.0	100.0	1.96	84.5	69.7	55.5	32.3	9.7	1.9	6000	155
	9	100.0	100.0	96.1	86.5	69.7	0.64	29.0	9.7	1.3	59.9	155
	61	100.0	100.0	100.0	96.8	6006	76.1	58.1	23.9	7.1	71.4	155
	22	100.0	100.0	4.66	98.1	94.2	89.0	78.7	40.6	11.6	77.1	155
5	TOTALS	100.0	6.66	98.6	94.8	80	79.9	66.5	41.9	15.6	74.5	1240

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MOFFETT FIELDS CALIFORNIA

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		- Political Park	PERCENTA	GE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(LS.T.)	10%	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	OBS.
NAL	ALL	100.01	100.0	98.5	94.4	86.4	72.3	54.9	29.9	9.5	70.4	1240
FEB		100.0	8.66	97.9	93.3	83.7	70.8	6.64	28.6	13.6	69.5	1125
MAR		100.0	6.66	97.3	92.0	83,3	99.69	43.9	20.2	7.8	1.00	1240
APR		100.0	98.2	93.8	85.9	73.3	54.8	35.9	16.1	5.4	62.0	1200
MAY		6.66	98.9	97.4	95.8	80.3	61.8	0.44	21.9	4.8	65.8	1240
NON		6.66	7.86	96.2	7.26	82.2	65.8	0.44	24.2	5.5	1.99	1200
JOL		100.0	100.0	99.5	97.0	88.4	71.6	49.5	30.4	8.5	70.2	1240
AUG		100.0	6.66	99.0	7.96	87.2	70.8	45.5	28.7	5.4	00.69	1240
SEP		100.0	9.66	98.4	98.8	89.0	73,3	51.9	32.8	11.6	71.1	1200
200		100.0	8.66	97.4	93.0	96.0	73.7	93.9	33.6	11.4	70.7	1240
NOV		100.0	9.66	98.0	93.6	87.1	76.4	57.1	33.3	15.0	71.9	1200
DEC		100.0	99.9	98.6	94.8	88.5	79.9	60.5	41.9	15.0	74.5	1240
TOT	TOTALS	100.0	99.5	7.76	93.5	84.6	69.6	8.64	28.5	9.5	0.69	1460

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MOFFETT FIELDS CALIFORNIA

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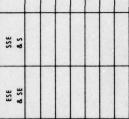
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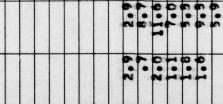
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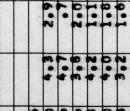






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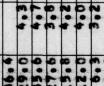
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-59 & LWR TOTALS

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FREGUENCY OF AIR TEMPERATURE	
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WIND DIRECTION MOFFETT FIELDS CALIFORNIA

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JAN 1973 - DEC 1977

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HOURS (L.S.T.)

122+ & NIV	-										
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111 07 701											
102 TO 106											
101 01 76											
92 TO 96											
16 01 78											
82 TO 86 10	100.0										.1
18 01 77											
72 10 76	6.7							25.5	11.1	9	9.
12 07 79	6.7	13,3			13,3			200	20.0	15	1.3
	36.4	10.6	1.5	3.0	22.7	4.5	6.5	10.6	0.1	90	5.9
	4.5	3.2	2.1	15.4	15.4	1:1	5.9	1001	1202	188	10.1
	1001	0.0	0.4	15.0	14.2	2.0	5.8	1309	21.0	340	30.8
	11.6	1.7	1.0	10.2	12.6	1:1	9.2	1543	36.7	662	26.1
	5.1		1.	10.3	11.0		8.1	200	58.1	130	12.1
	4.5	1.5	1.5	1.9	10.6		9.	100	1.29	99	2.9
32 TO 36					25.0		0 % 67		0.0%		. 4
27 TO 31											
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TOTALS	10.0	3.6	7.1	11.0	13.6	10.		1110	0.67	1160	1123 100.0

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WIND DIRECTION MOFFETT FIELDS CALIFORNIA

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JAN 1973 - DEC 1977

WIND DIRECTION

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- DEC 1977 JAN 1973 WIND DIRECTION MOFFETT FIELDS CALIFORNIA

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WIND DIRECTION

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TEMP.	NN N	NNE NE NE	e E E	ese & se	SSE & S	SSW & SW	wsw % %	NN N	CALM	TOTAL FREQ.	% OF TOTAL
122+											
17 10 121											
112 TO 116											
111 OT 701											
102 TO 106	100.0									-	
101 01 76	100.0									-	•
92 10 96	100.0									2	• 5
16 01 78	17.8							2422		9	
82 TO 86	86.7							Eiel		15	1.2
18 01 77	76.9			•						92	
72 10 76	17.6		1:1	1.7		2	5.5			96	
17 07 79	63.0		7.5	1.2		1.2	9.6			797	13.1
62 TO 66	47.9	2.9	2.1	5.9	œ.		9.2	1167		962	
19 01 75	28.9		3.0	4.6	2.0	•	15.7			303	
52 70 56	13.2	4.5	3.6	4.6	14.0	1.1	14.6	1400	23.3	288	2
47 TO 51	5.6		5.5	13.0	50.9	5.0	13.9	1119	33.0	115	
42 TO 46					10.0	10.0	15.0	0401		02	
37 TO 41											
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-58 TO-54											
-59 & LWR						•	1		1		2000
TOTALS	99.0	200	6.2	3.4	0.1	7.5	11.5	0	1001		2007

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WIND DIRECTION JAN 1973 - DEC 1977

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TEMP.	Z Z	S NE	20 A2	& SE	8.5	& SW	8 %	N N N	CALM	FREQ.	
122+											
121 01 711											
112 TO 116											
111 07 701											
102 TO 106	66.7							33.3		9	.3
101 OT 76	73.0							25.0		4	.3
92 TO 96	46.7						6.7	40.1		15	1.3
16 01 78	100.0									71	1.0
82 TO 86	65.3	3.4					3.4	2007	6.9	29	2.4
18 01 77	80.5						2.4	1202	6.4	14	3.4
72 TO 76	70.1	1.1			6.		3.4	1200	12.0	117	9.8
17 07 79	68.6		5.		1.4	•	3.4	1200	1101	207	17.3
62 TO 66	53.4		1.4	2.4	3.1		6.7	1204	13.4	290	2002
57 TO 61	26.9		4.4	4.8	5.9		12.9	1397	21.8	271	22.6
52 TO 56	111.1		3.2	13.7	12.1		14.7	1593	1.12	190	15.8
15 01 74		10.0		10.0	30.0			200	45.0	20	1.1
42 TO 46									100.0	-	•
37 TO 41											
32 TO 36											
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17 10 21											
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TALS	45.8	2.5	1.9	0.4	8.4	6.	6.3	9667	15.0		1500 100.0

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					WIND DIRECTION	CTION					
TEMP.	NN N N N	NNE 8 NE	ENE ENE	ESE & SE	SSE & S	SSW 8 SW	wsw w &	wnw wnw	CALM	TOTAL FREG.	% OF
122+											
117 TO 121											
112 TO 116											
111 07 701											
102 TO 106											
101 OT 79											
95 10 96	100.0									-	
16 07 78	100.0									4	
82 TO 86	96.4							13.6		22	7
18 07 77	78.0					2.0	0.0	140		20	4
72 TO 76	84.4			1.4			2.7	8 . 8	2.0	141	11
17 07 79	66.3			1.1	1.8		2.2	1364		612	22
62 TO 66	41.9			3.5	2.8	6.	7,8	1198	-0	366	25
19 01 75	19.7	8.6		6.1	2.4	1.0	1.1	110	39.5	567	23
52 TO 56	7.0			34.9	6.9	4:1			37.2	69	3
47 TO 51									100.0	-	
42 TO 46											
37 TO 41											
32 10 36											
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
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TOTALS	48.4	2.6	2.5	2.4	6.5	••	2.6	6111	19.0	001 0621	100

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AGE FREQUENC	.87
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MOFFETT FIELD, CALIFORNIA

WIND DIRECTION

WIND DIRECTION

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3.6 5.5	5.5	5.5			6.9		3.6	1100	13.9	182	19.8
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WIND DIRECTION

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TEMP.	NN W	NNE NE	ENE ENE	ESE & SE	SSE & S	SSW & SW	wsw w w	WN %	CALM	TOTAL FREQ.	% OF TOTAL
122+					10 C						
117 TO 121											
112 TO 116											
111 OT 201											
102 TO 106											
101 OT 26											
92 TO 96											
16 01 78								75.0	25.0	4	.3
82 TO 86	58.3							33,3		12	1.0
18 07 77	81.0							11:0		24	3.4
72 TO 76	60.3	1,3			5.1			17:9		78	6.3
17 07 78	51.4		2.2	1.1	9.9		***	1501		181	14.0
62 TO 66	39.8		1.1	5.8	8.8		5.3	70.5	21.5	274	22.1
19 01 75	14.2		2.1	6.9	**	••	2.0	1393	45.7	339	27.3
52 TO 56	3.3		3.3	1.3	4.6	3.3	8 . 6	249	23.5	542	19.8
12 07 7			1:0	1.9	5.7		7.5	2:1	77.4	53	4.3
42 TO 46				18.2	36.4				43.5	11	6.
37 TO 41									10000	1	1.
32 TO 36											
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
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-23 10-19											
-28 10-24											
-33 10-29											
-38 TO-34											
-43 TO -39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR		-	-	-						****	
TOTALS	4113	200		20.1	•	2	0.0	0		21	2007 2144

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MOFFETT FIELDS CALIFORNIA

23244 STATION

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WIND DIRECTION

WIND DIRECTION

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-48 TO-44 -53 TO-49

-43 10-39

-18 TO-14

-13 TO -9

-3 10 1 -8 TO-4

2 TO 6

-28 TO-24 -33 TO-29 -38 TO-34

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WIND DIRECTION

JAN 1973 - DEC 1977

MOFFETT FIELD, CALIFORNIA STATION NAME

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DECEMBER

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		-	-	-		-	-				
TEMP.	NN N N N	NNE N NE	ENE F E	ESE & SE	SSE & S	SSW S SW	wsw w %	WNW WN %	CALM	TOTAL FREG.	% OF TOTAL
122+											
117 TO 121											
12 TO 116											
107 TO 111											
102 TO 106											
101 OT 79											
92 10 96											
16 01 78											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71	25.0			12.5			25.0	37.05		89	9.
62 TO 66	34.4	4.9	1.6	4.9	11.5	1.6	8.2	14.8	18.0	10	4.9
19 07 78	2.04	3.4	1.5	12.3	7.8	1.0	6.4	1207	16.2	504	16.3
52 TO 56	22.1	2.2	•	10.9	8.4	*.	1.0	1367	34.4	358	28.9
47 TO S1	1001	5.3	1.6	5.6	6.5	2.3	9.2	712	51.0	300	24.7
42 TO 46	6.9	1:1	1.6	5.3	3.7	c.	**	10.6	03.0	189	13.2
37 TO 41	3.2		3.2	5.3	5.3	1:1	6.4	141	70.0	*6	1.6
32 TO 36				15.0	10.0				75.0	02	1.0
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	9.61	2.2	1.5	4.6	0.7	**	6.0	10.5	47.1	1260	1240 IAC.

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	WNN	a.N.Z	ENE	ESE	SSE	SSW	wsw	www		TOTAL	% OF
TEMP.	Z	- N		& SE	8.5	& SW	% %	& NW	CALM	FREQ.	
122+											
12101711											
112 TO 116											
111 01 701											
102 TO 106	75.0							25,0		4	0.
101 01 76	83.3							1697		9	0.
92 TO 96	63.6						4.9	31,8		22	.2
16 07 78	74.4							2313	2.3	64	
82 TO 86	70.4	1.6					1.6	1719		123	9.
18 07 77	11:1	••			1:1	•	2.2	13:2		697	1.8
72 TO 76	73.5	6.		1:0	1.0		5.6	1304		169	5.3
17 07 78	63.0	3.7	6.	1:1	3.4		3.3	***		1529	10
62 TO 66	64.3	2.0	5.6	3.4	5.8	0:1	3.6	1240		1942	16.9
57 TO 61	26.6	100	2.8	1.0	4.0	•	9.6	1003		3140	21.
52 TO 56	19.2	3.0	2.9	10.7	10.9	1.0	10.6	2161	6.72	2825	20.2
12 TO 51	10.0	1:0	1.4	8.7	12.4	6.2	11.7	7900			1.2.
42 TO 46	1.2	-	1.02	6.9	10.5	1:0	11.8	66.	49.0		0.0
37 TO 41	9.0	1:3	1.2	2.6	11.8	6.	2.0	211			9.2
32 TO 36	1.3		9.2	11.8	15.8		5.3	300	2066	10	••
27 TO 31											
22 TO 26			•								
17 TO 21											
12 TO 16											
7 10 11											
2 TO 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR										2000	
TOTALS	31.3	3.9	7.7	6.0	0.8	7.1	0.6	6067	0.62	0.001 50001	1001

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PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	1			STATION NAME						YEARS			1	
HRS.(L.S.T.)		JAN.	- FE	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
7	AEAN S. D. TOTAL OBS	30.100	.160	8	.109	155	150	9.9222	9.9232	9.910	9.989	30.066	155	29,99
8	S. D. TOTAL OBS	30.09730.07529	164	29.9943	.109	.091	.088	0.9132	9.9162	9.9052	9.981	30.0643	153	29.990
0.	S. D. TOTAL OBS	30.10530.08630. .159 .167	167	30.0153	150	9.964	29, 9212	.072	.070	0.030	0.002	30.081	30.116	30.010
2	MEAN S. D. TOTAL OBS	30.14130.	10.11430	158	150	.092	29,9252	.073	.070	150	.095	30.1073	151	30.028
2	S. D. TOTAL OBS	30.0913	130.06130	30.0113	150	.094	.090	9.9262 .074 .155	.073	.030	199	30.062	30.100	29.996 136 1826
2	MEAN S. D. TOTAL OBS	30.06930.05129.	158	.140	150	9.921	29.8822	.073	.9.8942	.079	9.955	30.038	30.079	29.968 .136 1826
13	S. D. TOTAL OBS	30.08430.06229.	141	29.9862	150	155	150	.072	.071	150	9.968	30.052	30.089	29.976 138
22	S. D. TOTAL OBS	30.10130.08330.	10.083	30.0133	150	9.957	29,9142	.9.9302	.070	.079	.093	133	30.107	30.001
ALL	S. D. TOTAL OBS	154 163	163	30.0093	11000	1240	29.9092	9.9222	.072	19.90	.096	130.067	30.107	29.996

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23244 STATION	P	MOFFETT F	FIELD, C	CALIFORNIA STATION NAME	AINS		73-77			YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
6	MEAN S. D. TOTAL OBS	1020.61020.110 5.061 5.406 155 139	1020.1 5.406 139	.007	3.671 3.671 150	3.149	1013.9 3.038 150	2.486	2.281	1014.1	3.127	4.243	1020.8	1017.1
8	MEAN S. D. TOTAL OBS	1020. \$1019. 710 5.227 5.527 4 155 141	5.527	.981	3.683	3.087 3.087	1013.7 2.960 150	2.460 2.3	2.301 2	150	3.126	1019.3	1020.7 5.175 155	1016.9
04	S. D. TOTAL OBS	1020.71020.110 5.366 5.661 9 155 140	1020.1 5.661 140	5.004 3	150	3.072 2.	2.903	2.419	2.339	21014.8	3.176	4.348	5.129	1017.5
2	AEAN S. D. TOTAL OBS	1021.91021.010 5.324 5.628 5 155 141	5.628	18.5	1018.4 3.712 150	1016.1 3.113	1014.6 2.959 150	2.446	2.335	1015.3 2.652 150	1017.9 3.224 155	91020.8	1022.3 5.127 155	1018.1
2	S. D. TOTAL OBS	1020.31019.910 5.165 5.524 4 155 141	5.524	.803	3.681	3.166 3.0	3.046		71014.7	71014.110	9.2	61019.3	1020.5 5.028 155	1017.0
2	S. D. TOTAL OBS	1019.51018.910 5.115 5.395 4	5.395	16.	3.626	3.196	14.51013.21013.71013.6 .196 3.115 2.461 2.405 155 150 155 155	2.461	2.405	1013.0	3.216	9 3.216 4.294 155 150	1019.6 5.124 155	1016.1
13	S. D. TOTAL OBS	1020-01019-310 5.084 5.384 4 155 141	5.384	4.749	1.50	3.171	1	13.31013.8 124 2.437 150 159	2.384 2.384 155	71013.3	3.209	4.359	1020.2 5.181 155	1016.4
22	S. D. TOTAL OBS	1020.61020.01 4.991 5.450 159 141	5.450	24	7.61017.61 138 3.609	3.142		14.31014.8 .074 2.413 150 155	81014.71014.2101 3 2.350 2.662 3. 5 155 150	2.662	153	4.503	1020.8 5.151	1017.2
ALL	S. D. TOTAL OBS	5.194 5.513 4 1240 1125	5.513		17.41017.4	00	15.41013.91014.5 .173 3.058 2.502 1246 1200 1240	2.502	2.428 2.7 1240 12	2.740	2.740 3.248 1200 1240	71019.5	1020.8 5.175 1240	1017.0